

H I S T O R I C A L

D A T A

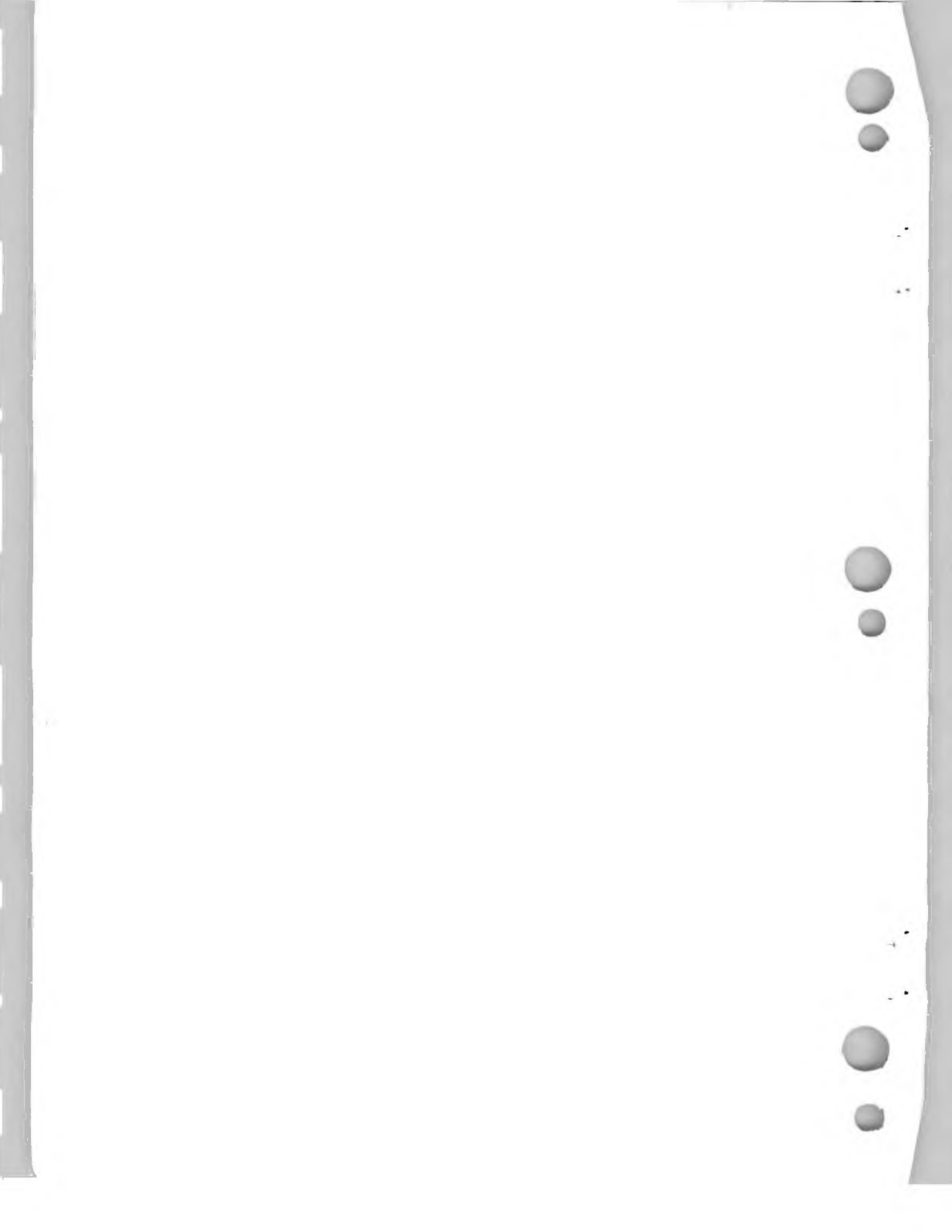
O F T H E

AEROSPACE DEFENSE COMMAND

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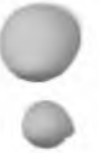
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FOREWORD

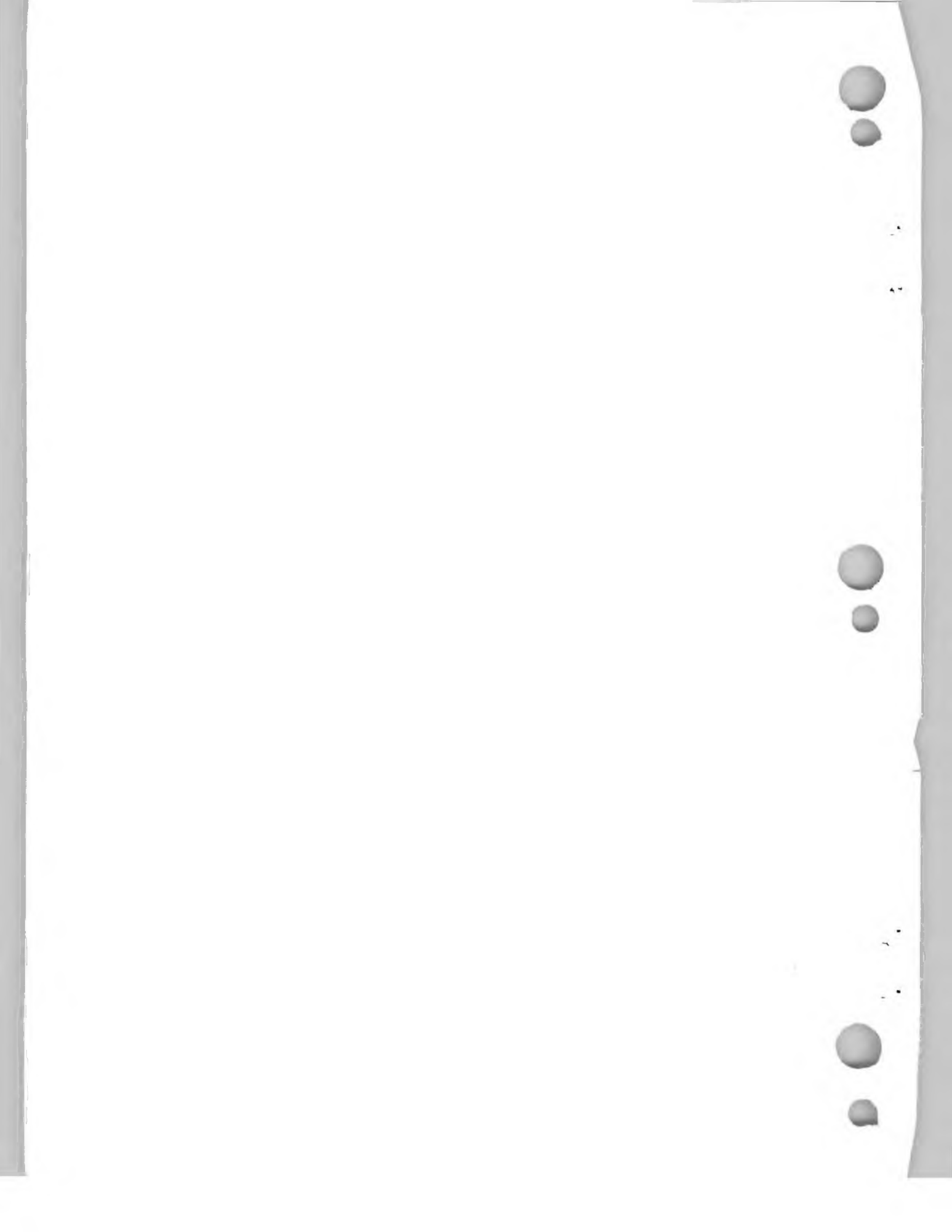
This is the first edition of a series of books on historical data of the Aerospace Defense Command. The volumes contain statistical summaries on significant facets of the command on Operations, Materiel, Personnel, Budget, and related matters. The primary function of the volumes is to serve as an additional source of Aerospace Defense Command statistics.

The statistics in each volume were obtained from ADC staff offices, unit and command histories, and separate operating agencies. In some cases, the statistics are inadequate simply because the information was not available. Correspondence concerning the contents of this or additional documents, as well as suggestions for improvement, should be addressed to this headquarters (ADC/HO), Ent Air Force Base, CO, 80912.

The work on these volumes began under my predecessor, Dr. Denys Volan. He assigned Mrs. Mildred Wiley to the task which she very capably performed (with the assistance of the remaining staff, Mr. Grover C. Jarrett, and Mr. Richard McMullen) until she departed in 1973. Since that date, Mr. John Dennison has worked on the products. Typing, a thankless task, has been the work of Mrs. Mary Perry.

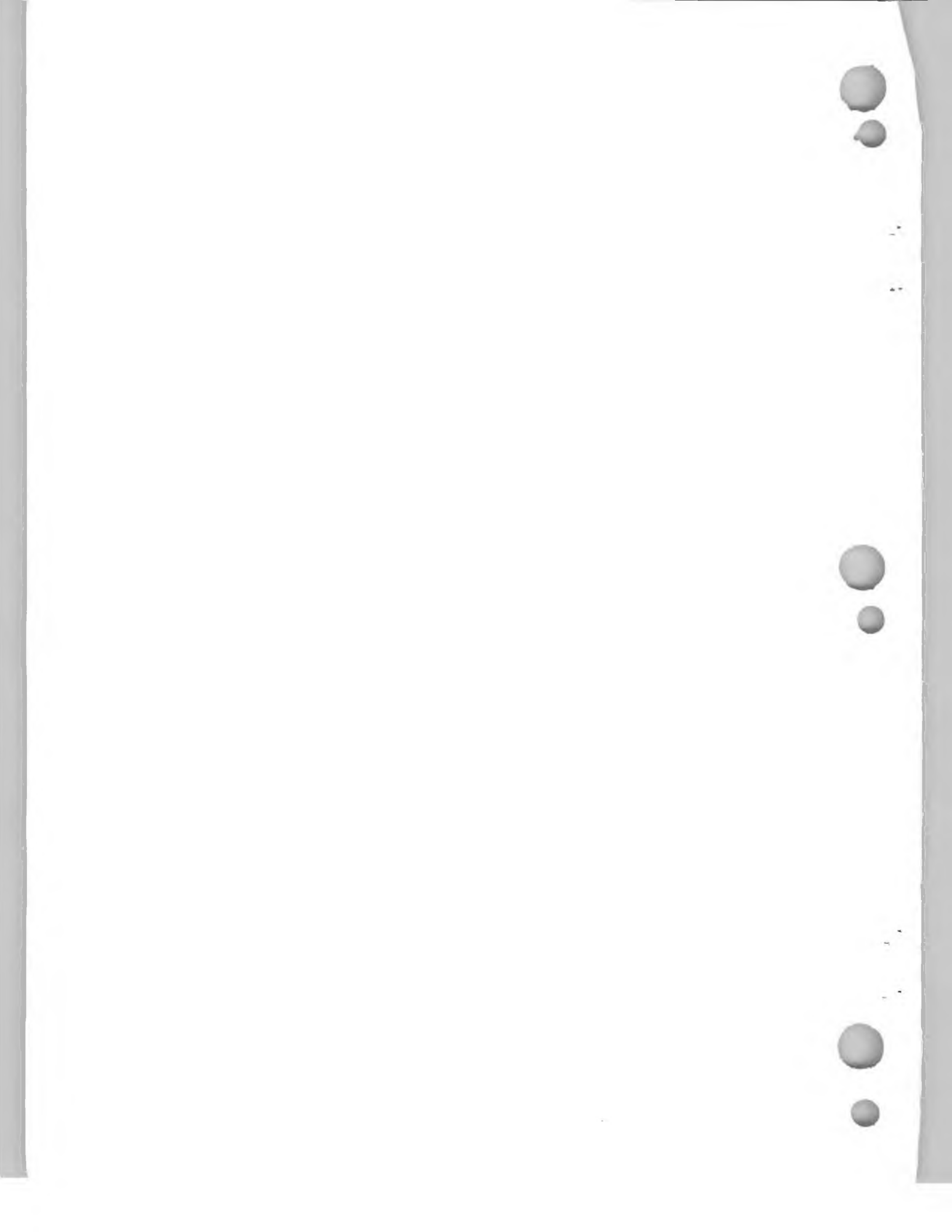
LLOYD H. CORNETT, JR.
Chief, Command History

April 1973



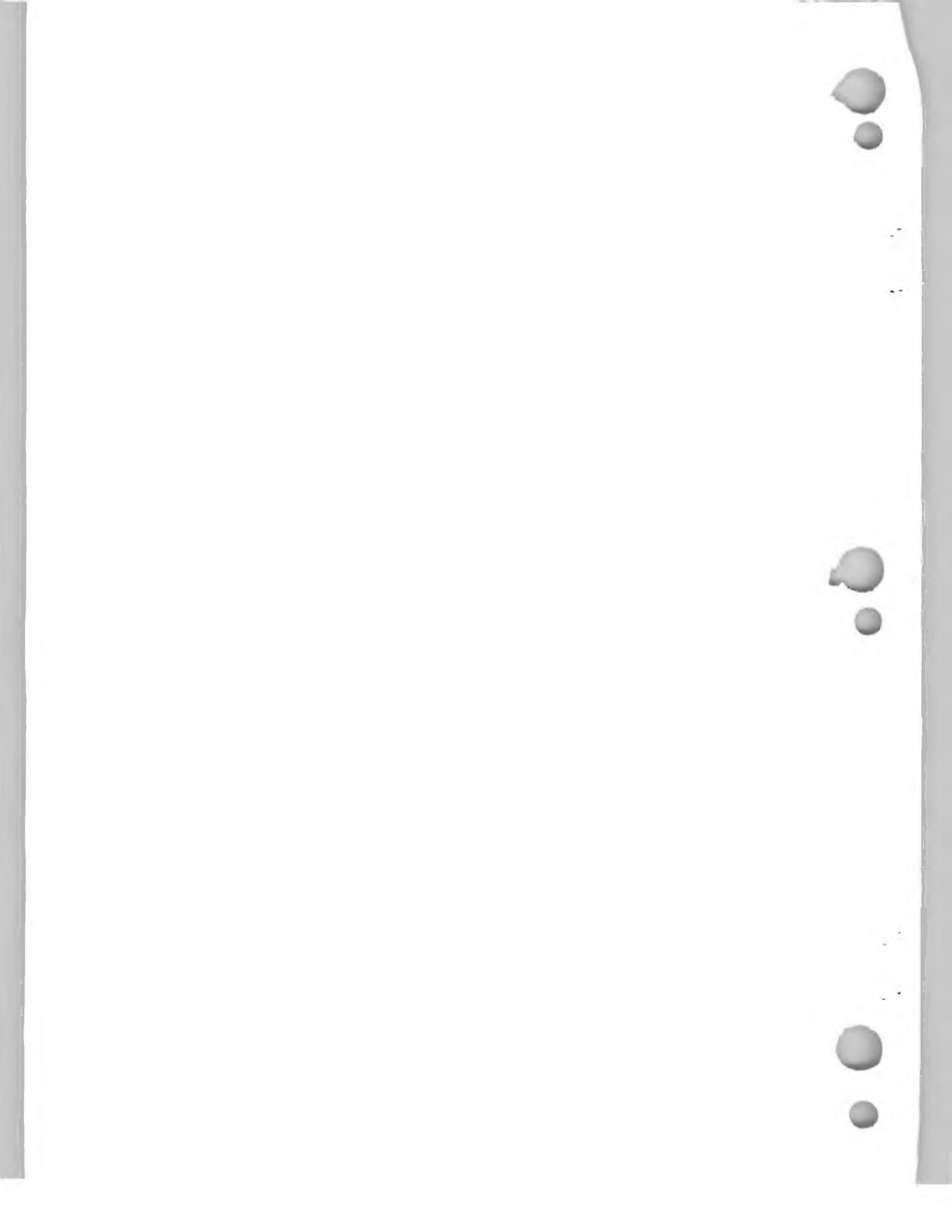
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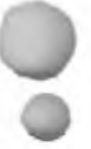
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Section I
RADAR LISTINGS

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STATION ALPHABETICAL LIST

LOCATION	SITE NUMBER	SQUADRON
Aiken, SC	SM-159	861
	Z-159	
Alder River, NS	C-34B	
Alexander, ND	TM-177B	
Algonquin Park, Ont., Can.	C-3C	
Allen, NC	M-130B	
Alma, GA	M-112C	
Almaden, CA	M-96	682
	Z-96	
Alpena, MI	P-34E	677
	M-105	
Amarillo, TX	M-88	688
	Z-88	
Anacortes, WA	P-46A	
Andes, NY	P-50B	
Andrews AFB, MD	SM-171	810
Antigo, WI	P-19	676
	Z-19	
Aquone, NC	P-42A	
Arlington, WA	SUPREMACY	
Arlington Heights, IL	RP-31	755
	Z-31	
Armstrong, Ont., Can.	C-15	914
Askov, MN	P-69C	
Atelia, CA		750
Atikokan, Ont., Can.	C-16B	
Atkinson Point, NWT	BAR-D	
Aurora, MN	P-69D	
Aviano AB, Italy (440L)	R-3	15 Comm
Awase, Okinawa (440L)	T-2	14 Comm, Det 3
Bagley, MN	P-17B	
Bahokus Peak, WA		758
Bainbridge, OH	P-43A	
Baker, OR	SM-149	821
	Z-149	
Baldy Hughes Mt., B.C.	C-20	918
Bangor, NY	P-14C	
Barnesville, GA	M-111B	
Barrington, NS	M-102	672
	C-102	
Barter Is, AK	BAR-Main	
Bartlesville, OK	P-77	796
Batchawana, Ont., Can.	P-66C	
Baudette, MN	SM-132	692
	Z-132	

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LOCATION	SITE NUMBER	SQUADRON
Beausejour, Man., Can.	C-17	916
Bedford, VA	M-121	649
	Z-121	
Bellefontaine AFS, OH	LP-73	
	P-73	664
	Z-73	
Belleterre, Que., Can.	C-10B	
Belleville AFS, IL	P-70	798
	Z-70	
Belleville, VT	P-14	764
Bellevue, OH	P-70	798
Bellevue Hill, VT		764
Benson, AZ	M-92C	
Benton, PA	P-30	648
	Z-30	
Berlin, MD	M-123	651
Bernard Harbour, NWT	PIN-C	
Bethany Beach, DE	RP-63E	
	P-56B	
Big Falls, MN	SM-132A	
Big Springs, TX	M-89B	
Birch Bay, WA		757
Biscotosing, Ont., Can.	C-9D	
Blaine, WA	P-46	757
	Z-46	
Blue Knob Park, PA	LP-63	
	P-63	772
Blue Mtn Lake, NY	P-14B	
Blythe Is, GA	M-114B	
Bonner's Ferry, MT	P-11	680
Boron, CA	P-59	750
	Z-59	
Boulder City, NV	SM-163A	
Bowling Green, MO	M-108	699
Bradyville, TE	SM-145A	
Brampton, Ont., Can.	C-4C	
Bray Island, NWT	FOX-A	
Bridgeboro, GA	TM-200B	
Bridgewater, ME	P-80B	
Brockport, NY	P-21A	
Brockway, MT	M-98B	
Brookfield, OH	RP-62E	
	P-62	662
	P-19C	
Brooks, WI	FOX-5	
Broughton Is, NWT	M-89C	
Brownfield, TX	P-24A	
Browning, MT	POW-D	
Brownlow Point, AK	P-13	654
Brunswick, ME	Z-13	

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LOCATION	SITE NUMBER	SQUADRON
Buck Horn, Ont., Can	C-4A	
Bucks Harbor, ME	M-110	907
	Z-110	
Bunnell, FL	M-114A	
Burns, OR	M-118	634
	Z-118	
Burns Junction, OR	M-118A	
Burnside, MI	P-20A	
Byron Bay, NWT	PIN-4	
Calumet, MI	P-16	665
	Z-16	
Cambria, CA	LP-2	
	Z-2	775
Cambridge Bay, NWT	CAM-Main	
Camp Cooke, CA	L-41	670
Camp Hero, NY	L-10	
	LP-45	773
Cape Charles, VA	P-56	771
	Z-56	
Cape Dyer, NWT	DYE-Main	
Cape Hooper, NWT	FOX-4	
Cape Lisburne, AK	LIZ-1	
	F-7	
Cape Makkovik, Labr.	C-28A	
Cape Parry, NWT	PIN-Main	
Cape Peel, NWT	PIN-E	
Cape Sabine, AK	LIZ-A	
Cape Sarichef, AK	COB-3	
Cape Simpson, AK	POW-A	
Capetown, CA	P-33A	
Cape Young, NWT	PIN-2	
Carmi AFS, IL	SM-137	704
Carrabelle, FL	TM-198A	
Carrizo Springs, TX	TM-188A	
Cartwright AS, Labr.	N-27	922
	C-27	
Caswell, ME	LP-80	
	P-80	766
	Z-80	
Chandler, MN	P-18	787
	Z-18	
Chapleau, Ont., Can.	M-119B	
Charleston, ME	P-65	765
	Z-65	
	Det 6, 14AF	
(SLBM)		
Charleston AFB, SC	M-113	792
Charlotte Center, NY	P-21B	
Chehalis, WA	RP-1C	
Cherry Point MCAS, NC	M-116	614

LOCATION	SITE NUMBER	SQUADRON
Chilmark, MA	P-45B	
Chitose, Japan (440L)	T-4	14 Comm Det 1
Claysburg, PA	P-30H	
	Z-63	772
Clear, AK (BMEWS)	Site #2	13 MWS
Clifton Point, NWT	PIN-B	
Clinton Point, NWT	PIN-1	
Cold Bay, AK	COB-Main	
Columbus, NM	M-95B	
Colville, WA	LP-60	
	P-60	760
Comstock, TX	TM-187B	
Condon, OR	LP-32	
	P-32	636
	Z-32	
Connellsville, PA	L-16	772
Continental Divide, NM	P-7	769
Corn Springs, CA	SM-162B	
Cottonwood, ID	SM-150	822
	Z-150	
Covered Wells, AZ	TM-181B	
Coyote Wells, CA	P-76D	
Cross City, FL	TM-200	691
	Z-200	
Cross Mountain, TE		663
Crystal Springs AFS, MS	TM-195	
	Z-195	627
Curlew, WA	P-60C	
	P-6	638
Custer, MI	P-67	781
	Z-67	
Cut Bank, MT	P-24	681
	Z-24	
Cut Throat Is, Labr.	C-27A	
Cyprus (440L)	R-1	
Dallas Center, IA	M-122	650
	P-81A	
Dauphin Is, AL	TM-196	693
	Z-196	
	Z-249	635
Davenport, AL	TM-199A	
Davis-Monthan AFB, AZ	Z-92	684
Del Bonita, MT	LP-24	681
Delhi, LA	M-125A	
Delmita, TX	TM-189A	
Demarcation Bay, AK	BAR-A	
Depot Mountain, ME	P-80C	
Dewar Lakes, NWT	FOX-3	

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LOCATION	SITE NUMBER	SQUADRON
Dickinson, ND	TM-177	706
	Z-177	
Disston, OR	P-12B	
Diyarbakir, Turkey	SPACETRACK	19 SSQ
Dobbins AFB, GA	M-87	609
		691
		692
		700
		701
		702
		792
		810
		861
		867
		908
		679
Dow AFB, ME	L-1	
Driftwood Bay, AK	COB-2	
Duncanville, TX	P-78	745
Durban Is, NWT	FOX-E	
Eagle Pass, TX	TM-188	733
Eaglet River, Ont., Can.	P-66B	
	P-66D	
	P-35	674
East Farmington, WI	P-70B	
Edgewood, MO	L-40	750
Edwards AFB, CA	SPACETRACK	18 SSQ
Edwards AFS, CA	TM-198B	
Eglin AFB, FL	SPACETRACK	20 SSQ
Eglin C6, FL	FOX-C	
Ekalugad Fiord, NWT	M-111E	
Elberton, GA	P-17A	
Elbow Lake, MN	P-56C	
Elizabeth City, NC	M-107	690
Elizabethtown, PA	LP-31	755
Elkhorn, WI	P-79	747
Ellington AFB, TX	Z-79	
	Z-24	
Elliot Lake, Ont., Can.	C-9C	
Elliston Ridge, Nfld	C-22B	
Ellsworth, KS	P-47A	
Ellsworth AFB, SD	M-97	740
El Paso, TX	M-95A	
El Vado, NM	L-44	767
	LP-8	
Emery, MI	P-20B	
Empire, MI	P-34	752
	Z-34	

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LOCATION	SITE NUMBER	SQUADRON
England AFB, LA	M-125	653
Englehard, NC	M-116B	
Ent AFB, CO	SPACETRACK CENTER	1 Aero Con
Ernest Harmon AB, Nfld		640
Etah, Grld	G-33	931, Det 1
Ethan Allen AFB, VT		792
Eufaula AFS, AL	TM-199	
	Z-199	609
Eureka, MT	SM-151F	
Fallon, NV	SM-156	858
	Z-156	
Falls City, NE	SM-141	723
Fannett, TX	P-79A	
Feltwell, England (440L)	R-5	OL A1 15 Comm
Ferndale, CA	SM-158	860
Fibre, MT	P-66B	
Finland, MN	LP-69	756
	P-69	
	Z-69	
Finley, ND	P-29	785
	Z-29	
Flaxman Is, AK	POW-3	
Flintstone, GA	SM-165	867
Fordland, MO	P-68	797
Formosa, Ont., Can.	C-4D	
Fort Bragg, NC	M-115B	
Fort Custer, MI	LP-67	781
Fort Custis, VA	L-15	771
	LP-55	
Fort Dearborn, NH	P-10B	
Fort Ethan Allen, VT	L-3	
Fort Fisher, NC	M-115	701
	Z-115	
	Det 5, 14 AF	
	SM-132C	
Fort Francis, Ont., Can. (SLBM)	RP-54	770
Fort George C. Meade, MD	Z-227	
Fort Heath, MA		820
Fort Knox, KY		784
Fort Lawton, WA	RP-1	635
Fort MacArthur, CA	L-43	669
Fort Meade, MD	L-14	647
Fort Niagara, NY	L-19	
Fort Snelling, MN	M-122	650
		673
Fort Stevens, OR	L-36	
Fortuna, ND	P-27	780
	Z-27	

LOCATION	SITE NUMBER	SQUADRON
Fort Williams, ME	L-2	657
	M-105	677
Fox Harbor, Labr.	C-26A	
Frobisher Bay, Baffin Is, NWT	N-31	926
	C-31	
Fylingdales, England (BMEWS)	Site #3	Det 1 14 AF
Gabbs, NV	SM-156A	
Gage, NM	M-95G	
Galata, MT	P-25A	
Gander AS, Nfld	N-25	226 (RCAF)
	C-25	
Garland, KS	P-72A	
Geiger Field, WA	SM-172	682
		683
		684
		685
		688
		716
		821
		822
		823
		917
		918
		919
George's Shoal, NY	TT-2	762
		4604
Georgetown, SC	M-113B	
Geraldton, Ont., Can.	C-14A	
Gettysburg, SD	M-99	903
	Z-99	
Gibbsboro, NJ	P-9A	
	RP-63	772
	Z-63	
Gladman Point, NWT	CAM-2	
Glendive, MT	M-98A	
Globe, AZ	M-92D	
Godman Field, KY	LP-82	
Gonzales, NM	LP-7	769
Goose AB, Labr.		641
Grafton, ND	P-29B	
Graham, Ont., Can.	C-16A	
Grand Fond, Que., Can.	C-1A	
Grand Marais, MI	P-66A	
	M-109	906
Grand Rapids, MN	SM-138	707
Grandview AFB, MO	SM-169	
Gray AFB, TX	TM-192	814

LOCATION	SITE NUMBER	SQUADRON
Great Falls AFB, MT		679
		902
		903
		908
		700
Grenier AFB, NH	L-4	912
		913
		914
		915
		916
		920
		921
		922
		923
		924
		926
Gulfport, MS	TM-196B	
Guthrie, WV	P-43	783
	Z-43	
Hachita, NM	TM-183	826
Half Moon Bay, CA	SUPREMACY	
	L-38	
Hall Beach, NWT	FOX-Main	
Hamilton AFB, CA	P-48	651
		667
		682
		858
		859
		860
		866
		911
Hancock Fld, NY		
Hanford (Pasco), WA	SUPREMACY	
Hanna City, IL	P-85	791
	Z-85	
Hanover, PA	RP-54B	
	P-55D	
Hastings, NE	SM-133	625
	Z-133	
Hat Island, NWT	CAM-B	
Havre, MT	P-25	778
	Z-25	
Hayfork, CA	SM-157C	
Hellier, KY	P-43B	
Hermanville, MD	P-55B	
Highlands AFS, NJ	Z-9	646
Hill Peak Rd, CA	LP-37	

LOCATION	SITE NUMBER	SQUADRON
Hillside, AZ	M-93B	
Hofn ACW Sta. Iceland	H-3	667
Hogeland, MT	P-25B	
Hollyridge, NC	M-116C	
Homestead AFB, FL	Z-210	644
Hopedale AS, Labr	N-28	923
	C-28	
Horton River, NWT	BAR-E	
Houma NAS, LA	M-126	657
	Z-126	
Houston City, TX	Z-240	630
Hunter AFB, GA	M-112	702
	Z-112	
Hutchinson, KS	P-47	793
	Z-47	
Ice Cap, Grld	G-34	931 Det 2
Ice Cap #1, Grld	DYE-2	
Ice Cap #2, Grld	DYE-3	
Icy Cape, AK	LIZ-B	
Indiantown Gap, PA	L-9	
Inverness, FL	M-129B	
Ione, WA	P-60A	
Jacksonville, FL	M-114	679
	Z-114	
Janesville, CA	SM-157A	
Jeffersonville, GA	M-112E	
Jenny Lind Is, NWT	CAM-1	
Jim Falls, WI	P-35C	
Joelton, TE	SM-145	799
Joliet, PA	P-30F	
Joshua Tree, CA	P-59C	
Kalispell, MT	TM-179	716
	Z-179	
Kamloops AS, B.C., Can.	SM-153	825
	C-153	
Keweenaw, MI	LP-16	
	Z-16	665
Keith Bay, NWT	CAM-E	
Keno, OR	TM-180	827
	Z-180	
Key West NAS, FL	Z-209	
Killeen (Gray AFB), TX	TM-192	814
Kingman, AZ	M-128	659
Kingsley Fld, OR		827
Kingston, IN	P-82C	

LOCATION	SITE NUMBER	SQUADRON
Kirksville, MO	P-64	790
	Z-64	
Kirtland AFB, NM	P-41	612
		682
		684
		685
		687
		690
		697
		904
Kittitas, WA	P-40A	
Kivitoo, NWT	FOX-D	
Klamath, OR	LP-33	
	P-33	777
	Z-33	
Kogru, AK	POW-B	
Ko Kha, Thailand	SPACETRACK	17 SSQ
Komakuk Beach, Yukon	BAR-1	
Kulusuk Is, Grld	DYE-4	
Lac des Loups, Que., Can.	C-8A	
Lackland AFB, TX	P-75	741
	Z-75	
	Z-241	
	P-81C	
	C-26B	
	C-3B	
	PIN-3	
	TM-194	812
	Z-248	
	P-42	633
	C-2B	
	P-81B	
	H-2	667
	TM-180B	
	TM-189B	
	Z-230	
	SPACETRACK	1 ACS, Det 1
	Det 8 14 AF	
	L-29	
	M-95	685
	SM-163	865
	Z-163	
	SM-163B	
	C-2A	
	P-37A	
	P-17	739
	C-6D	
	TM-178	694
	Z-178	

LOCATION	SITE NUMBER	SQUADRON
Lewisville, OH	RP-62B	
Limestone, ME	L-50	766
Lockbourne AFB, OH	L-22	
Lockport AFS, NY	Z-21	763
Lockwood, CA	P-2A	
Lompoc AFS, CA	RP-15	669
	Z-15	
London, KY	P-42B	
London, Ont., Can.	P-20F	
Lonely, AK	POW-1	
Longstaff Bluff, NWT	FOX-2	
Lowther AS, Ont., Can.	M-119	639
	C-119	
Lufkin, TX	TM-193	815
Luke Range, AZ	TM-181	612
Luke Williams Range, AZ	Z-181	
Lyndonville AFS, VT		911
MacDill AFB, FL	M-129	660
	Z-129	
	Det 7, 14 AF	
(SLBM)		
MacKor Inlet, NWT	CAM-5	
Madera, CA	LP-74	
	P-74	774
	Z-74	
Madisonville, KY	P-82D	
Makah, WA	P-44	758
	Z-44	
Malstrom AFB, MT	P-83	694
	SM-147	801
	Z-147	706
Manassas, VA	P-55	647
	Z-55	
Manchester, NH		
Manorville, NY		
Manton River, Ont., Can.	C-9A	
Marathon, Ont., Can.	C-14B	
	C-120	645
Marblehead, OH		
Marietta (Dobbins), GA	M-111	908
	Z-111	
Marquand, MO	P-70D	
Marysville, TE		633
Mason, TX	P-75A	
Mather AFB, CA	L-37	
	P-58	668
	Z-58	666 Det 1
Matheson Point, NWT	CAM-C	

LOCATION	SITE NUMBER	SQUADRON
Mazama, WA	P-60E	
McCamey, TX	TM-187A	
McChord AFB, WA	L-32	635
	P-1	825
	P-4	
McGhee-Tyson Apt, TE	L-47	663
McIntosh, SD	TM-177C	
McIntyre, AK	POW-C	
Melville AS, Labr.	C-24	641
	N-24	
Melvin Hill, NC		
Mica Peak, WI	SM-151	823
	Z-151	
Middle River, MN	P-29D	
Midland, MI	P-67A	
Miles City, MT	M-98	902
	Z-98	
Mill Valley, CA	P-38	666
	Z-38	
	Det 3 14AF	
(SLBM)		
Mingus Mountain, AZ	M-93A	
Minot, ND	P-28	786
	Z-28	
Minter Field, CA	L-39	
Mitchel AFB, NY		658
Monee, IL	RP-31D	
Montauk AFS, NY	SUPREMACY	
	P-45	773
	Z-45	
Moorestown TSI, NJ (SLBM)	Det 10 14 AF	
Moreno, CA		
Moriarity, NM	LP-51	
	P-51	768
Moulton, MN		787
Mt. Bonaparte, WA	LP-6	638
Mt. Carleton, N.B.	C-5C	
Mt. Carleton, Que., Can.	C-5D	
Mt. Hebo, OR	M-100	689
	Z-100	
(SLBM)	Det 2 14 AF	
Mt. John, New Zealand	SPACETRACK	18 SSQ Det 1
Mt. Laguna, CA	P-76	751
	Z-76	
(SLBM)	Det 4 14 AF	
Mt. Lemmon, CA	M-92	684
	Z-92	
Mt. Tamapalis, CA		666
Moyie Springs, ID	SM-151D	

LOCATION	SITE NUMBER	SQUADRON
Mud Pond, PA		648
Myrtle Beach, SC	M-115A	
Nantucket Shoal, MA	TT-3	4604
Naselle, WA	P-57	759
	Z-57	
Navesink, NJ	LP-9	
	P-9	646
Neah Bay, WA	SUPREMACY	
	L-34	758
Neoga, IL	P-70F	
Nevada, MO	SM-142	724
New Orleans, LA	M-126A	
	Z-246	
New Preston, Conn	P-50A	
New Salem, MA	P-50E	
New Yarmouth, NS	C-11A	
New York Shoal, NY	TT-4	4604
Nicholson Pen, NWT	BAR-4	
Nicolet, Que., Can.	C-6B	
Nikolski, AK	COB-1	
Niobe, ND	P-28A	
Nipigon, Ont., Can.	C-15A	
Nobel, Ont., Can.	C-4B	
Nogales, AZ	TM-182	816
Normangee, TX	TM-192C	
North Bend, OR	P-12	761
	Z-12	
North Charleston AFS, SC	M-113	
	Z-113	792
North Concord, VT	M-103	911
Northfield, MN	P-35B	
Northport, WA	P-60B	
North Truro, MA	P-10	762
	Z-10	
Northwest Corner, Iceland	H-4	
Norton AFB, CA	M-128	659
	P-84	685
		865
Norway, MI	P-19A	
Oakdale AI, PA	RP-62	662
	Z-62	
Oba, Ont., Can.	M-119A	
Odon, IN	P-82A	
O'Hare IAP, IL	L-49	
Oilton, TX	Z-242	
Okonogan, WA	P-60D	

LOCATION	SITE NUMBER	SQUADRON
Oklahoma City, OK	P-86	732
	P-52	733
	Z-52	742
		746
		811
		812
		813
		814
		815
		738
Olathe, KS	P-72	
	Z-72	
Oliktok, AK	POW-2	
Omaha, NE	P-71	789
	Z-71	
Opheim, MT	P-26	779
	Z-26	
Orla, TX	M-90A	
Osceola, WI	P-35	674
	Z-35	
Oscoda, MI	L-20	754
Oswegatchie, NY	P-49B	
Othello, WA	P-40	637
	Z-40	
Otis AFB, MA	L-5	
Ottawa, OK	P-77A	
Owingsville, KY	P-82B	
	M-131	809
Ozona, TX	TM-187	732
Pacific Beach, WA	L-35	
Pagwa River, Ont., Can.	C-14	913
Paine Field, WA	L-31	757
Painesdale, MI	P-16A	
Palacios, TX	TM-191B	
Palermo AFS, NJ	SUPREMACY	
	P-54	770
	L-13	
	LP-54	
	RP-63C	
	Z-54	680
Palo Verde, CA	SM-162D	
Parris Is MS, SC	M-112A	
Patrick AFB, FL	Z-211	645
Pearce Point, NWT	PIN-A	
Peard Bay, AK	LIZ-C	
Pedricktown AI, NJ		772
Pelly Bay, NWT	CAM-4	

LOCATION	SITE NUMBER	SQUADRON
Perrin AFS, TX	Z-78	745
Perry, FL	TM-200A	
Petoskey, MI	P-34A	
Philomath, OR	M-100B	
Pickstown, SD	SM-134	695
	Z-134	
Pine Camp, NY	L-6	655
Placer, OR	P-12C	
Point Arena, CA	P-37	776
	Z-37	
Point Barrow, AK	POW-Main	
Point Lay, AK	LIZ-2	
Pope AFB, NC	M-124	652
Port Austin, MI	LP-61	
	P-61	754
	Z-61	
Port Heiden, AK	COB-5	
Porthill, ID	SM-151C	
Port Hueneme, CA	L-42	751
Port Isabel, TX	TM-190	811
Portland, OR	SUPREMACY	
	L-33	689
Port Moller, AK	COB-4	
Portneuf, Que, Can.	C-1B	
Port Orford, OR	P-12A	
Portsmouth, NH		644
Poston, AZ	SM-162I	
	SM-160	862
Puntzi Mt., B.C.	C-19	917
Pyote, TX	TM-186	697
Qaqatoqaaq, Grld	DYE-1	
Quantico AFS, VA	Z-55	647
Quinn River Crossing, NV	M-127A	
Ramore, Ont., Can.	C-10	912
Rapid City AFB, SD		740
Rapides des Joachims, Que, Can.	C-3D	
Ravenna Apt, OH	L-18	
Red Bluffs, CA	SM-157	859
	Z-157	
Redcliff AS, Nfld	L-22	642
	C-22	
Redditt, Ont., Can.	C-17A	
Reedsport, OR		761
Regan, MT	P-28D	
Resolution Is. AS, NWT	N-30	920
	C-30	

LOCATION	SITE NUMBER	SQUADRON
Richland, WA	L-30	
Richland Ctr, IN	P-67B	
Richmond AFS, FL	Z-210	644
Ricketts Glen St. Park, PA		648
Rivera, TX	TM-191A	
Roanoke Rapids, NC	M-117	632
	Z-117	
Robins AFB, GA	SM-148	820
Rochester, MN	M-101	808
Rockport, TX	TM-191	813
Rockville ACW Sta., Iceland	H-1	932
Rockville, IN	LP-53	
	P-53	782
	Z-53	
Roslyn AFS, NY	P-3	
Ross Point, NWT	PIN-D	
Rothwestern, Germany (440L)	R-4	15 Comm Det 1
Rowley Is., NWT	FOX-1	
Rye, NH	M-104	644
Saddle Mt., WA	Z-40	637
Saglek AS, Labr	N-29	924
	C-29	
St. Albans AFS, VT	Z-14	764
St. Anthony AS, Nfld	N-26	921
	C-26	
St. Cecil Stn, Que., Can.	C-6A	
St. Charles de-Bellechasse, Que	C-6C	
St. Cleophas, Que., Can.	C-5E	
St. Joseph, NS	M-102B	
San Clemente, CA	LP-39	
	P-39	670
	Z-39	
Sand Island, Pacific	SPACETRACK	18 SSQ Det 2
San Pedro Hill, CA	RP-39	
	Z-39	670
Santa Rosa, NM	M-90B	
Santa Rosa Is., CA	P-15	669
	Z-15	
Santini, NY	L-11	658
San Vito, Italy	SPACETRACK	18 SSQ Det 3
	R-2	15 Comm Det2
San Ysidro, CA	P-76B	
Saratoga Springs, NY	P-50	656
	Z-50	
Sarcpa Lake, NWT	CAM-F	

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LOCATION	SITE NUMBER	SQUADRON
Saskatoon, Alb., Can.	C-21	919
Saugatuck, MI	P-67C	
Sault Ste. Marie, MI	L-21	
	LP-66	
	P-66	753
	Z-66	
Schenectady, NY	L-7	656
Schulenberg, TX	TM-192B	
Schuylerville, NY		656
Scotch Settlement, N.B.	C-5A	
Sedgwick, ME	P-13A	
Selfridge AFB, MI	L-17	
	LP-20	
	P-20	661
	Z-20	
Sells, AZ	M-92A	
Seneca Ord Dep, NY	L-8	
Shafter, CA	P-59A	
	SM-161	863
Shawnee, NY	P-21	763
Shelby, MI	P-67D	
Sheyma AFS, AK	SPACETRACK	16 SSQ
Shepard Bay, NWT	CAM-3	
Sheyenne, ND	P-29A	
Shingle Point, Yukon	BAR-2	
Sidney, TX	M-89E	
Sierra Blanca, TX	M-90E	
Silver Falls, Ont., Can.	C-15B	
Silver Lake, WA	Z-118	634
Simpson, MT		778
Simpson Lake, NWT	CAM-D	
Sioux City, IA	SM-140	722
Sioux Lookout, Ont., Can	C-16	915
Snelling AFS, MN	P-36	692
		707
		721
		808
Snow Mountain, KY	P-82	784
	Z-82	
Spokane, WA	SUPREMACY	
	L-28	823
Spotted Isle, Labr	C-27B	
Springton, PEI	C-11C	
Statesburg, SC	M-113A	

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LOCATION	SITE NUMBER	SQUADRON
Stephenville AS, Nfld	N-23	640
	C-23	
Stewart AFB, NY	M-125	653
Stokes Point, Yukon	BAR-B	
Stone Cabin, AZ	SM-162C	
Sturt Point, NWT	CAM-A	
Sublette, MO		790
Summit, MS	TM-195A	
Sundance, WY	TM-201	731
	Z-201	
Suttons Corner, NY	P-49A	
Sweetgrass, MT	P-24C	
Sweetwater, TX	M-89	683
	Z-89	
Syracuse AFS, NY	P-5	644
		672
		907
		911
Tacna, AZ	SM-162A	
Tecate, CA	P-76A	
Temperanceville, VA	P-56A	
Texarkana, AR	M-91	703
	Z-91	
Thomas, WV	P-55F	
Thomasville AFS, AL	TM-197	
	Z-197	698
Thompson, OH	RP-62A	
Thule AB, Grld	L-32	931
	G-32	
	Site 1	12 MWS
(BMEWS)		
Tierra Amarilla, NM	P-8	767
Tierra del Sol, CA	P-76C	
Timmins, Ont., Can.	C-10A	
Tinker AFB, OK		653
		683
		688
		703
		725
		746
		792
Tobermory, Ont., Can.	C-9B	
Todd Mountain, N.B.	C-5B	
Tokoroza, Japan (440L)	T-3	14 Comm

LOCATION	SITE NUMBER	SQUADRON
Tonopah, CA	SM-164 Z-164	866
Topock, AZ	SM-162H	
Topsfield, ME	P-65A	
Truax Field, WI	SM-168	
Tuktoyaktuk, NWT	BAR-3	
Tununuk Camp, NWT	BAR-C	
Twin Lights, NJ	SUPREMACY L-12	
Two Creeks AFS, MS	M-106	700
Two Creeks, WI	P-19B	700
Tyndall AFB, FL	TM-198 Z-198	678
Ulysses, PA	P-30E	
Union City, TE	SM-144	730
Unionville, NV	M-127B	
Upson, WI	P-69B	
Valentine, TX	TM-184	675
Valley City, ND	P-29C	
Vandenberg AFB, CA		670
Van Vleck, TX	P-79B	
Velva, ND		786
Vichy, MO	P-70C	
Vincent (Yuma), AZ	SM-162	864
Wadena, MN	P-17 Z-17	739
Waha, ID	SM-150A	
Wainwright, AK	LIZ-3	
Walker AFB, NM	L-46 M-90	686
Wallace AS, PI (440L)	T-1	14 Comm Det 2
Walnut Ridge, ARK	SM-143	725
Washington, IA	P-64A	
Washougal, WA	M-100A	
Watertown, NY	P-49 Z-49	655
Waverly, IA	P-81 Z-81	788
Weeks Isl., LA	TM-194A	
Wenatchee, WA	P-40B	
West Baffin Island, NWT	FOX-B	
Westboro, MA	P-10A	
West Mesa, NM	M-94 Z-94	687
Westport, Ont., Can.	C-3A	
Whitetail, MT	P-26D	
Whitewater, MT	P-26A	

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LOCATION	SITE NUMBER	SQUADRON
Whitmore, CA	SM-157B	
Williams Bay, WI	RP-31F	
	P-31	755
Willow Run AFS, MI	P-23	677
		700
		704
		809
		906
		908
Willmar, MN	SM-139	721
Wilsey, KS	P-47B	
Winfield, KS	P-77B	
Winnemucca, NV	M-127	658
	Z-127	
Winslow AFS, AZ	M-93	904
Winston-Salem, NC	M-130	810
	Z-130	
Wintergarden, FL	M-129A	
Wright-Patterson AFB OH	SM-170	799
Yaak, MT	SM-151E	
	P-11	680
Yreka, CA	TM-180A	
Yuma AFS, AZ	SM-162	864
Zapata, TX	TM-189	742
Zuni, NM	M-94B	

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ACW and RADAR SQUADRON INDEX

Squadron	Location	Movement Date	Site #***
609	Dobbins AFB, GA Eufaula AFS, AL	Sep 58	Z-199
612	Kirtland AFB, NM Luke-Williams Range, AZ	Jan 58	Z-181
614	Grenier AFB, NH Dobbins AFB, GA Andrews AFB, MD Cherry Point MCAS, NC	Dec 53 Jul 56 Jul 57 Aug 63*	M-116
617	Otis AFB, MA	Dec 54*	
622	Otis AFB, MA	Dec 54*	
625	Hastings AFS, NE	Sep 68*	Z-133
627	Dobbins AFB, GA Crystal Springs AFS, MS	Sep 58 Sep 68*	Z-195
630	Otis AFB, MA Houston City, TX	Dec 54* Z-240	
632	Dobbins AFB, GA Roanoke Rapids AFS, SC	Sep 55	Z-117
634	Silver Lake, WA McChord AFB, WA Geiger Fld, WA Burns AFS, OR	Feb 52* Oct 54 Jun 55 Sep 70*	Z-118
635	McChord AFB, WA Ft Lawton AI, WA	Jun 61 Aug 63*	P-1 RP-1
636	McChord AFB, WA Condon AFS, OR	Aug 51 Sep 70*	Z-32
637	Saddle Mt, WA Othello AFS, WA	Dec 53**	Z-40
638	Mt Bonaparte, WA Curlew AFS, WA	Dec 53** Dec 59*	P-6
639	Truxax Fld, WI Lowther AS, Ont Can	Jul 57	M-119, C-119
640	Ernest Harmon AB, Nfld Stephenville AS, Nfld	Nov 57	N-23, C-23
641	Coose AB, Labr Melville AS, Labr	Nov 57	N-24, C-24
642	Redcliff AS, Nfld		N-22, C-22
644	Syracuse AFS, NY Portsmouth, NH Rye, NH Homestead AFB, FL	Jul 55 Jul 56** Oct 57*	M-104 Z-210
645	Roslyn, NY Patrick AFB, FL	Feb 52*	Z-211

* Inactivated.

** Redesignated.

*** As of 31 July 1963, all existing locations redesignated Z-sites.

646	Navesink, NJ	Dec 53**	
	Highlands AFS, NJ	Jul 66*	P-9, Z-9
647	Ft. Meade, MD	Apr 52	
	Quantico, VA	Jul 57**	
	Manassas AFS, VA	Jun 65*	Z-55
648	Mud Pond, PA	Feb 52	
	Ricketts Glen St Park, PA	Dec 53**	
	Benton AFS, PA		Z-30
649	Roslyn, NY	Dec 53**	
	Roslyn AFS, NY	Dec 54	
	Bedford AFS, VA		Z-121
650	Ft Snelling, MN	Jul 55	
	Dallas Center, IA	Oct 57*	M-122
651	Hamilton AFB, CA	Apr 54	
	Roslyn AFS, NY	Aug 55*	M-123
652	Dobbins AFB, GA	Sep 55*	M-124
653	Stewart AFB, NY	Feb 52*	
	Tinker AFB, OK	Jul 54	
	Alexandria AFB, LA	Jul 55**	
	England AFB, LA	Aug 63*	M-125
654	Manchester, NH	Mar 51	
	Brunswick AFS, ME	Jun 65*	P-13, Z-13
655	Pine Camp, NY	Feb 51	
	Watertown AFS, NY		P-49, Z-49
656	Schenectady, NY	Feb 52	
	Schuylerville, NY	Dec 53**	
	Saratoga Springs AFS, NY		P-50, Z-50
657	Ft. Williams, ME	Oct 51*	
	Tinker AFB, OK	Mar 55	
	Houma AFS, LA		Z-126
658	Mitchel AFB, NY	Sep 51	
	Santini, NY	Jan 52*	
	Hamilton AFB, CA	Feb 56	
	Winnemucca AFS, NV	Jun 68*	Z-127
659	Norton AFB, CA	Jun 55	
	Kingman AFS, AZ	Aug 58*	M-128
660	Selfridge AFB, MI	Feb 52*	
	Dobbins AFB, GA	Aug 54	
	MacDill AFB, FL		Z-129
661	Selfridge AFB, MI		Z-20
662	Ravenna, OH	Oct 51	
	Brookfield AFS, OH	Jul 60	P-62
	Oakdale AI, PA		RP-62, Z-62
663	McGhee-Tyson Aprt, TE	Nov 51	
	Marysville, TE	Mar 52	
	Cross Mt, TE	Dec 53**	
	Lake City AFS, TE	Aug 60*	p-42

664	Lockbourne AFB, OH	Sep 51	
	Bellefontaine AFS, OH	Sep 69*	Z-73
665	Keweenaw, MI	Dec 53**	
	Calumet AFS, MI		Z-16
666	Mt Tamapalis, CA	Dec 53**	
	Mill Valley AFS, CA		Z-38
667	Hamilton AFB, CA	Feb 52*	
	Hofn NI, Iceland		H-3
668	Mather AFB, CA	Sep 61*	P-58
669	Ft. MacArthur, CA	Feb 52	
	Santa Rosa Is, CA	Apr 63	
	Lompoc AFS, CA		RP-15
	Vandenberg AFB, CA	Jun 68*	Z-15
670	Camp Cooke, CA	Feb 52	
	San Clemente Is. AFS, CA	Apr 61	P-39
	Ft. MacArthur AI, CA		RP-39, Z-39
671	Key West NAS, FL		Z-209
672	Syracuse AFS, NY	Jul 57	
	Barrington AS, NS	Jun 62*	M-102
673	Ft Snelling, MN	Feb 52*	
	Otis AFB, MA	Aug 54*	
674	East Farmington, WI	Dec 53**	
	Osceola AFS, WI		Z-35
676	Antigo AFS, WI		Z-19
677	Ft Williams AFS, ME	Apr 54	
	Willow Run AFS, MI	Dec 54	
	Alpena, MI	Nov 57	M-105
678	Dobbins AFB, GA	Jul 56	
	Tyndall AFB, FL		Z-198
679	Great Falls AFB, MT	Feb 52*	
	Dow AFB, ME	Dec 53	
	Dobbins AFB, GA	Jul 57	
	Jacksonville NAS, FL		Z-114
680	Yaak AFS, MT	Jul 60*	P-11
	Palermo AFS, NJ	May 70*	P-54, Z-54
681	Del Bonita, MT	Dec 53**	
	Cut Bank AFS, MT	Jun 65*	Z-24
682	Geiger Fld, WA	Jan 54	
	Kirtland AFB, NM	Jul 54	
	Hamilton AFB, CA	Sep 57	
	Almaden AFS, CA		Z-96
683	Geiger Fld, WA	Jan 54	
	Tinker AFB, OK	Feb 56	
	Sweetwater AFS, TX	Sep 69*	Z-89

684	Geiger Fld, WA	Jan 54	
	Kirtland AFB, NM	Apr 54	
	Davis-Monthan AFB, AZ	Apr 56	
	Mt Lemmon AFS, AZ	Dec 69*	Z-92
685	Norton AFB, CA	Feb 52*	
	Geiger Fld, WA	Jan 54	
	Kirtland AFB, NM	Dec 54	
	Las Cruces AFS, NM	Aug 63*	M-95
686	Walker AFB, NM	Aug 63*	M-90
687	Kirtland AFB, NM	Apr 56	
	West Mesa AFS, NM	Sep 68*	M-94, Z-94
688	Geiger Fld, WA	Dec 53	
	Tinker AFB, OK	Sep 54	
	Amarillo AFB, TX	Sep 68*	Z-88
689	Portland Intl Aprt, OR	Jul 56	
	Mt Hebo AFS, OR		Z-100
690	Kirtland AFB, NM	Feb 52*	L-45, P-41
691	Dobbins AFB, GA	Jul 58	
	Cross City AFS, FL	Sep 70*	Z-200
692	Snelling AFS, MN	Oct 58	
	Baudette AFS, MN		Z-132
693	Dobbins AFB, GA	Nov 58	
	Dauphin Is. AFS, AL		Z-196
694	Malmstrom AFB, MT	Sep 58	
	Lewistown AFS, MT	Jun 71*	Z-178
695	Pickstown AFS, SD	Sep 58*	Z-134
697	Kirtland AFB, NM	Feb 57	
	Fyote AFS, TX	Aug 63*	TM-186
698	Dobbins AFB, GA	Sep 58	
	Thomasville AFS, AL	Dec 69*	Z-196
700	Grenier AFB, NH	Apr 54	
	Willow Run AFS, MI	Dec 54	
	Two Creeks, WI	Nov 57*	M-106
701	Dobbins AFB, GA	Sep 55	
	Ft Fisher AFS, NC		Z-115
702	Dobbins AFB, GA	Mar 55	
	Hunter AFB, GA		Z-112
703	Tinker AFB, OK	Jul 55	
	Texarkana AFS, AR	Sep 68*	Z-91
704	Willow Run AFS, MI	Jul 55	
	Carmi, IL	Nov 57*	SM-137
706	Malmstrom AFB, MT	Jul 58	
	Dickinson AFS, ND	Jun 65*	Z-177
707	Snelling AFS, MN	Jul 56	
	Grand Rapids AFS, MN	Aug 63*	SM-138
716	Geiger Fld, WA	May 59	
	Kalispell AFS, MT		Z-179

721	Snelling AFS, MN	Jul 56	
	Willmar AFS, MN	Jun 61*	SM-139
725	Tinker AFB, OK	Jul 56	
	Walnut Ridge AFS, AR	Aug 63*	SM-143
731	Sundance AFS, WY	Jun 68*	Z-201
732	Oklahoma City AFS, OK	Jul 57	
	Ozona AFS, TX	Aug 63*	TM-187
733	Oklahoma City AFS, OK	Jul 57	
	Eagle Pass AFS, TX	Aug 63*	TM-188
738	Olathe AFS, KS	Sep 68*	Z-72
739	Leaf River, MN	Dec 53**	
	Wadena AFS, MN	Sep 70*	Z-17
740	Rapid City AFB, SD	Jun 53**	
	Ellsworth AFB, SD	Aug 62*	M-97
741	Lackland AFB, TX		Z-75
742	Oklahoma City AFS, OK	Jul 57	
	Zapata AFS, TX	Jun 61*	TM-189
745	Duncanville AFS, TX		
	Perrin AFB, TX	Sep 69*	Z-78
746	Tinker AFB, OK	Jul 56	
	Oklahoma City AFS, OK	Sep 68*	Z-52
747	Ellington AFB, TX	Dec 69*	Z-79
750	Edwards AFB, CA	Jan 52	
	Atelia, CA	Dec 53**	
	Boron AFS, CA		Z-59
751	Port Hueneme, CA	Feb 52	
	Mt Laguna AFS, CA		Z-76
752	Empire AFS, MI		Z-34
753	Sault Ste Marie AFS, MI		Z-66
754	Oscoda, MI	Jul 51	
	Port Austin AFS, MI		Z-61
755	Elkhorn, WI	Dec 53**	
	Williams Bay AFS, WI	Apr 60	P-31
	Arlington Heights AI, IL	Sep 69*	Z-31
756	Finland AFS, MN		Z-69
757	Paine Fld, WA	Aug 51	
	Birch Bay, WA	Dec 53**	
	Blaine AFS, WA		Z-46
758	Bahokus Peak, WA	Dec 53**	
	Neah Bay AFS, WA	Mar 58**	
	Makah AFS, WA		Z-44
759	Naselle AFS, WA	Jun 66*	Z-57
760	Colville AFS, WA	Jun 61*	P-60
761	Reedsport, OR	Dec 53**	
	North Bend AFS, OR		Z-12
762	North Truro AFS, MA	Mar 70*	Z-10

763	Shawnee, NY	Dec 53**	
	Lockport AFS, NY		Z-21
764	Bellevue Hill, VT	Dec 53**	
	St Albans AFS, VT		Z-14
765	Charleston AFS, ME		Z-65
766	Limestone, ME	Feb 52	
	Caswell AFS, ME		Z-80
767	El Vada, NM	Dec 53**	F-8
	Tierra Amarilla AFS, NM	Feb 59*	
768	Moriarity AFS, NM	Jun 61*	F-51
769	Gonzales, NM	Dec 53**	
	Continental Divide AFS, NM	Jul 61*	P-7
770	Palermo AFS, NJ	Oct 61	F-54
	Ft George G. Meade, MD		Z-227
771	Ft Custis, VA	Dec 53**	
	Cape Charles AFS, VA		Z-56
772	Connellsville, PA	Dec 51	
	Blue Knob, PA	Dec 53**	
	Claysburg AFS, PA	May 61	
	Pedricktown AI, NJ		RP-63
	Gibbsboro AFS, NJ		Z-63
773	Montauk Pt, NY	Feb 52	
	Camp Hero, NY	Dec 53**	
	Montauk AFS, NY		Z-45
774	Madera AFS, CA	Jun 66	Z-74
775	Cambria, CA	Dec 53**	
	Cambria AFS, CA		Z-2
776	Point Arena AFS, CA		Z-37
777	Klamath AFS, CA		Z-33
778	Simpson, MT	Dec 53**	
	Havre AFS, MT	Mar 70*	Z-25
779	Opheim AFS, MT		Z-26
780	Fortuna AFS, ND	Mar 70*	Z-27
781	Ft Custer, MI	Jul 56**	
	Custer AFS, MI	Jun 65*	Z-67
782	Rockville AFS, IN	Jun 66*	Z-53
783	Guthrie AFS, WV	Jun 68*	Z-43
784	Ft Knox, KY	Jul 56**	
	Snow Mountain AFS, KY	Jun 68*	Z-82
785	Finley AFS, ND		Z-29
786	Velva, ND	Dec 53**	
	Minot AFS, ND		Z-28
787	Moulton, MN	Dec 53**	
	Chandler AFS, MN	Sep 69*	Z-18
788	Waverley AFS, IA	Sep 69*	Z-81
789	Omaha AFS, NE	Sep 68*	Z-71

790	Sublette, MO	Dec 53**	
	Kirkville AFS, MO	Sep 68*	Z-64
791	Hanna City AFS, IL	Jun 68*	Z-85
792	Tinker AFB, OK	Jun 51*	
	Ethan Allen AFB, VT	Dec 53	
	Dobbins AFB, GA	Sep 54	
	Charleston AFB, SC	Jul 55	
	No. Charleston AFB, SC		Z-113
793	Hutchinson AFS, KS	Sep 68*	Z-47
796	Bartlesville AFS, OK	Jun 61*	P-77
797	Fordland AFS, MO	Jun 61*	P-68
798	Belleville AFS, IL	Jun 68*	Z-70
799	Wright-Patterson AFB, OH	Oct 56	
	Joelton AFS, TE	Jun 61	SM-145
801	Malmstrom AFB, MT	Dec 69*	Z-147
808	Snelling AFS, MN	Sep 55	
	Rochester, MN	Sep 57*	M-101
809	Willow Run Aprt, MI	Dec 54	
	Owingsville AFS, KY	Nov 57*	M-131
810	Dobbins AFB, GA	Jul 56	
	Andrews AFB, MD	Dec 56	
	Winston Salem AFS, NC	Jul 70*	Z-130
811	Oklahoma City AFS, OK	Jan 58	
	Port Isabel AFS, TX	Jun 61*	TM-190
812	Oklahoma City AFS, OK	Apr 57	
	Lake Charles AFS, LA	Sep 61*	TM-194
813	Oklahoma City AFS, OK	Jul 58	
	Rockport AFS, TX	Aug 63*	TM-191
814	Oklahoma City AFS, OK	Feb 57	
	Killeen AFS, TX	Feb 61*	TM-192
815	Oklahoma City AFS, OK	Nov 57	
	Lufkin AFS, TX	Jun 61*	TM-193
820	Fort Heath, MA	Dec 62*	MM-1, SM-148
821	Geiger Fld, WA	Jul 59	
	Baker AFS, OR	Jun 68*	Z-149
822	Geiger Fld, WA	Jul 58	
	Cottonwood AFS, ID	Jun 65*	Z-150
823	Geiger Fld, WA	Jul 56	
	Mica Peak AFS, WA	Jan 59**	
	Geiger Fld, WA	Aug 60**	
	Spokane Intl Aprt, WA		Z-151
825	McChord AFB, WA	Sep 57	SM-153
	Kamloops AS, BC, Can.		C-153
827	Kingsley Fld, OR	Feb 58**	
	Keno AFS, OR	Jul 59**	
	Kingsley Fld, OR		Z-180
858	Hamilton AFB, CA	Feb 56	
	Fallon AFS, NV		Z-156

859	Hamilton AFB, CA	Apr 56	
	Red Bluff AFS, CA	Sep 70*	Z-157
860	Hamilton AFB, CA	Dec 54*	SM-158
861	Dobbins AFB, GA	Sep 55	
	Aiken AFS, SC		Z-159
864	Yuma City Aprt, AZ	Sep 56**	
	Vincent AFB, AZ	Jul 60**	
	Yuma AFS, AZ	Aug 63*	SM-162
865	Norton AFB, CA	Apr 56	
	Las Vegas AFS, NV	Dec 69	Z-163
866	Hamilton AFB, CA	Aug 56	
	Tonopah AFS, NV	Sep 70*	Z-164
867	Dobbins AFB, GA	Sep 55	
	Flintstone AFS, GA	Jun 61*	SM-165
902	Great Falls AFB, MT	Oct 54	
	Miles City AFS, MT	Jun 68*	Z-98
903	Great Falls AFB, MT	Jan 56	
	Cottysburg AFS, SD	Jun 68*	Z-99
904	Kirtland AFB, NM	Apr 55	
	Winslow AFS, AZ	Aug 63*	M-93
906	Willow Run Aprt, MI	Dec 54	
	Grand Marais, MI	Nov 57*	M-109
907	Syracuse AFS, NY	Apr 55	
	Bucks Harbor AFS, ME		Z-110
908	Willow Run Aprt, MI	Aug 53	
	Great Falls AFB, MT	Sep 54	
	Dobbins AFB, GA	Jul 56	
	Marietta AFS, GA	Sep 68*	Z-111
911	Hancock Fld, NY	Dec 53**	
	Syracuse AFS, NY	Jan 56	
	No. Concord AFS, VT	Mar 62**	
	Lyndonville AFS, VT	Aug 63*	Z-103
912	Grenier AFB, ME	Dec 52	
	Ramore AS, Ont., Can	Jan 62*	C-10
913	Grenier AFB, ME	Dec 52	
	Pagwa AS, Ont., Can	Jun 63*	C-14
914	Grenier AFB, ME	Dec 52	
	Armstrong AS, Ont., Can	Nov 62*	C-15
915	Grenier AFB, ME	Dec 52	
	Sioux Lookout AS, Ont., Can.	Oct 62*	C-16
916	Grenier AFB, ME	Dec 52	
	Beausejour AS, Man., Can.	Oct 61*	C-17

917	Geiger Fld, WA	Nov 52	
	Puntzi Mt AS, BC., Can.	Feb 63*	C-19
918	Geiger FLD, WA	Jun 53	
	Baldy Hughes AS, Can.	Mar 63*	C-20
919	Geiger Fld, WA	Jun 53	
	Saskatoon Mt AS, Can.	Apr 63*	C-21
920	Grenier AFB, NH	Jan 52	
	Resolution Is. AS, Can.	Nov 61*	C-30
921	Grenier AFB, NH	Oct 53	
	St Anthony AS, Nfld	Jun 68*	C-26
922	Grenier AFB, NH	Oct 53	
	Cartwright AS, Labr	Jun 68*	C-27
923	Grenier AFB, NH	Aug 53	
	Hopedale AS, Labr	Jun 68*	C-28
924	Grenier AFB, NH	Sep 53	
	Saglek AS, Labr	Jul 70*	C-29
926	Grenier AFB, NH	Sep 53	
	Frobisher Bay, Baffin Island AS, Can.	Nov 61*	N-31
931	Thule AB, Greenland	Dec 65*	G-32
932	Rockville NI, Iceland		H-1

SITE DESIGNATIONS

<u>Site</u>	<u>Location</u>	<u>Squadron</u> *
P-1	McChord AFB, WA	635
RF-1	Ft. Lawton, WA	635
Z-2	Cambria AFS, CA	775
P-3	Roslyn AFS, NY	
P-4	McChord AFB, WA	
P-5	Syracuse AFS, NY	
P-6	Curlew AFS, WA	638
P-7	Continental Divide AFS, NM	769
P-8	Tierra Amarilla AFS, NM	767
Z-9	Highlands AFS, NJ	646
Z-10	North Truro AFS, MA	762
P-11	Yaak AFS, MT	680
Z-12	North Bend AFS, OR	761
Z-13	Brunswick AFS, ME	654
Z-14	St Albans AFS, VT	764
Z-15	Santa Rosa Is. AFS, CA	669
RF-15	Lompoc AFS, CA	669
Z-16	Calumet AFS, MI	665
Z-17	Wadena AFS, MN	739
Z-18	Chandler AFS, MN	787
Z-19	Antigo AFS, WI	676
Z-20	Selfridge AFS, MI	661
Z-21	Lockport AFS, NY	763
P-22	Number Not Assigned	
P-23	Willow Run AFS, MI	
Z-24	Cut Bank AFS, MT	681
Z-25	Havre AFS, MT	778
Z-26	Opheim AFS, MT	779
Z-27	Fortuna AFS, ND	780
Z-28	Minot AFS, ND	786
Z-29	Finley AFS, ND	785
Z-30	Benton AFS, PA	648
Z-31	Williams Bay AFS, WI	755
RF-31	Arlington Heights, IL	755
Z-31	Arlington Heights, IL	755
Z-32	Condon AFS, OR	636
Z-33	Klamath AFS, CA	777
Z-34	Empire AFS, MI	752
Z-35	Osceola AFS, WI	674
P-36	Snelling AFS, MN	
Z-37	Point Arena AFS, CA	776
Z-38	Mill Valley AFS, CA	666
Z-39	San Clemente Is. AFS, CA	670
Z-39	San Pedro Hill, CA	670
Z-40	Othello AFS, WA	637
P-41	Kirtland AFB, NM	

* Where there is a blank, a squadron had not been designated.

P-42	Lake City AFS, TE	663
Z-43	Cuthrie AFS, WV	783
Z-44	Makah AFS, WA	758
Z-45	Montauk AFS, NY	773
Z-46	Blaine AFS, WA	757
Z-47	Hutchinson AFS, KS	793
P-48	Hamilton AFB, CA	
Z-49	Watertown AFS, NY	655
Z-50	Saratoga Springs AFS, NY	656
P-51	Moriarty AFS, NM	768
Z-52	Oklahoma City AFS, OK	746
Z-53	Rockville AFS, IN	782
Z-54	Palermo AFS, NJ	680
RP-54	Ft George G. Meade, MD	770
Z-55	Quantico AFS, VA	647
Z-55	Manassas AFS, VA	647
Z-56	Cape Charles AFS, VA	771
Z-57	Naselle AFS, WA	759
Z-58	Mather AFB, CA	668
Z-59	Boron AFS, CA	750
P-60	Colville AFS, WA	760
Z-61	Port Austin AFS, MI	754
Z-62	Brookfield AFS, OH	662
Z-62	Oakdale AFS, PA	662
Z-63	Claysburg AFS, PA	772
RP-63	Gibbsboro, NJ	772
Z-63	Gibbsboro, NJ	772
Z-64	Kirkville AFS, MO	790
Z-65	Charleston AFS, ME	765
Z-66	Sault Ste Marie AFS, MI	753
Z-67	Custer AFS, MI	781
P-68	Fordland AFS, MO	797
Z-69	Finland AFS, MN	756
Z-70	Belleville AFS, IL	798
Z-71	Omaha AFS, NE	789
Z-72	Olathe AFS, KS	738
Z-73	Bellefontaine AFS, OH	664
Z-74	Madera AFS, CA	774
Z-75	Lackland AFB, TX	741
Z-76	Mt Laguna AFS, CA	751
P-77	Bartlesville AFS, OK	796
Z-78	Duncanville AFS, TX	745
Z-79	Ellington AFB, TX	747
Z-80	Caswell AFS, ME	766
Z-81	Waverly AFS, IA	788
Z-82	Snow Mountain AFS, KE	784

P-83	Malmstrom AFB, MT	
P-84	Norton AFB, CA	
Z-85	Hanna City AFS, IL	791
P-86	Oklahoma City AFS, OK	
M-87	Dobbins AFB, GA	
M-88	Amarillo AFB, TX	688
Z-89	Sweetwater AFS, TX	683
M-90	Walker AFB, NM	686
Z-91	Texarkana AFS, AR	703
Z-92	Mt Lemmon AFS, AZ	684
Z-92	Davis-Monthan AFB, AZ	684
M-93	Winslow AFS, AZ	904
Z-94	West Mesa AFS, NM	687
M-95	Las Cruces AFS, NM	685
Z-96	Almaden AFS, CA	682
M-97	Ellsworth AFB, SD	740
Z-98	Miles City AFS, MT	902
Z-99	Gettysburg AFS, SD	903
Z-100	Mt Hebo AFS, OR	689
M-101	Rochester AFS, MN	808
M-102	Barrington, NS, Can.	672
M-103	North Concord AFS, VT	911
M-104	Rye AFS, NH	644
M-105	Alpena AFS, MI	677
M-106	Two Creeks AFS, MS	700
M-107	Elizabethtown, PA	690
M-108	Bowling Green, MO	699
M-109	Grand Marais AFS, MI	906
Z-110	Bucks Harbor AFS, ME	907
Z-111	Marietta AFS, GA	908
Z-112	Hunter AFB, GA	702
Z-113	No. Charleston AFS, SC	792
Z-114	Jacksonville NAS, FL	679
Z-115	Ft Fisher AFS, NC	701
M-116	Cherry Point MCAS, NC	614
Z-117	Roanoke Rapids AFS, NC	632
Z-118	Burns AFS, OR	634
C-119	Lowther AS, Ont., Can.	639
C-120	Marathon, Ont., Can.	645
Z-121	Bedford AFS, VA	649
M-122	Dallas Center AFS, IA	650
M-123	Berlin, MD	651
M-124	Pope AFB, NC	652
M-125	England AFB, LA	653

Z-126	Houma NAS, LA	657
Z-127	Winnemucca AFS, NV	658
M-128	Kingman AFS, AZ	659
Z-129	MacDill AFB, FL	660
Z-130	Winston Salem AFS, NC	810
M-131	Owingsville AFS, KY	809
Z-132	Baudette AFS, MN	692
Z-133	Hastings AFS, NE	625
Z-134	Pickstown AFS, SD	695
SM-135	Number Not Assigned	
SM-136	Number Not Assigned	
SM-137	Carmi AFS, IL	704
SM-138	Grand Rapids AFS, MN	707
SM-139	Willmar AFS, MN	721
SM-140	Sioux City, IA	722
SM-141	Falls City, NE	723
SM-142	Nevada, MO	724
SM-143	Walnut Ridge AFS, AK	725
SM-144	Union City, TE	730
SM-145	Joelton AFS, TE	799
SM-146	Number Not Assigned	
Z-147	Malmstrom AFB, MT	801
SM-148	Robins AFB, GA	820
Z-149	Baker AFS, OR	821
Z-150	Cottonwood AFS, ID	822
Z-151	Mica Peak AFS, WA	823
SM-152	Number Not Assigned	
G-153	Kamloops, B.C., Can.	825
SM-154	Number Not Assigned	
SM-155	Number Not Assigned	
Z-156	Fallon NAS, NV	858
Z-157	Red Bluffs AFS, CA	859
SM-158	Ferndale, CA	860
Z-159	Aiken AFS, SC	861
SM-160	Poston, AZ	862
SM-161	Shafter, CA	863
SM-162	Yuma AFS, AZ	864
Z-163	Las Vegas AFS, NV	865
Z-164	Tonopah AFS, NV	866
SM-165	Flintstone AFS, CA	867
SM-166	Number Not Assigned	
SM-167	Number Not Assigned	
SM-168	Truax Field, WI	
SM-169	Grandview AFB, MO	
SM-170	Wright-Patterson AFB, OH	
SM-171	Andrews AFB, MD	
SM-172	Geiger Field, WA	

TM-173	Number Not Assigned	
TM-174	Number Not Assigned	
TM-175	Number Not Assigned	
TM-176	Number Not Assigned	
Z-177	Dickinson AFS, ND	706
Z-178	Lewiston AFS, MT	694
Z-179	Kalispell AFS, MT	716
Z-180	Keno AFS, OR	827
Z-181	Luke Williams Range, AZ	612
TM-182	Nogales, AZ	816
TM-183	Hachita, NM	826
TM-184	Valentine, TX	675
TM-185	Number Not Assigned	
TM-186	Pyote AFS, TX	697
TM-187	Ozona AFS, TX	732
TM-188	Eagle Pass AFS, TX	733
TM-189	Zapata, TX	742
TM-190	Port Isabel AFS, TX	811
TM-191	Rockport AFS, TX	813
TM-192	Gray AFB, TX	814
TM-193	Lufkin AFS, TX	815
TM-194	Lake Charles AFS, LA	812
Z-195	Crystal Springs AFS, MS	627
Z-196	Dauphin Is. AFS, AL	693
Z-197	Thomasville AFS, AL	698
Z-198	Tyndall AFB, FL	678
Z-199	Eufaula AFS, AL	609
Z-200	Cross City AFS, FL	691
Z-201	Sundance AFS, WY	731
Z-209	Key West NAS, FL	671
Z-210	Richmond AFS, FL	644
Z-211	Patrick AFB, FL	645
Z-227	Ft George G. Meade, MD	770
Z-240	Ellington AFB, TX	FAA
Z-241	Lackland AFB, TX	FAA
Z-242	Oilton, TX	FAA
Z-243	Odessa, TX	
Z-244	El Paso, TX	
Z-245	Silver City, NM	
Z-246	New Orleans (Slidell), LA	FAA
Z-247	Phoenix, AZ	
Z-248	Lake Charles, LA	634
Z-249	Dauphin Isl., AL	635

RADAR EQUIPMENT

DESIGNATIONS

ARSR-1A, C, E, F	FAA, Long Range Search
CPS-1	Search Radar
TPS-1B, C, D	Long Range Search
FPS-3, 3A	Medium Range Search
CPS-3	Medium Range Search, stripped FPS-8
CPS-4	Height Finder
FPS-4	Short Range Height
CPS-5	Height Finder
FPS-5	Height Finder
CPS-6, 6B	Medium Range Search and Height
FPS-6, 6A, 6B	Long Range Search
FPS-7, 7B, 7C, 7E	FD Long Range Search
FPS-7A	FD Long Range Search and Height
FSS-7	FPS-26 or 26A modified for SLBM function.
MPS-7	Medium Range Search
FPS-8	Medium Range Search
MPS-8	Short Range Height
FPS-10	Medium Range Search and Height
CPS-10	Detection and Tracking Radar (Ko Kha)
TPS-10A, 10D	Short Range Height
MPS-11	Medium Range Search
FPS-14, 14A	Short Range Search (Gap Filler)
MPS-14	Long Range Height
FPS-17 (XW1)(XW3)	Long Range Radar (Sensor)
FPS-18	Short Range Search (Gap Filler)
FPS-19	Medium Range Search (DEW)
FPS-20, 20A	Long Range Search
FPS-23	Doppler Type Radar (DEW)
FPS-24	FD Long Range Search
FPS-26, 26A	FD Long Range Height
FPS-27	FD Long Range Height
FPS-30	Long Range Search (DEW)
FPS-35	FD Long Range Search
FPS-49A	Tracker Radar (BMEWS)
FPS-50(V)	Scanner Radar (BMEWS)
FPS-64, 64A	FPS-20 with GPA-102
FPS-65	FPS-20 with GPA-103
FPS-66, 66A	FPS-20A with GPA-102
FPS-67, 67A, 67B	FPS-20A with GPA-103
FSQ-76	440L Receiver
FPS-79	Long Range Radar (Sensor)
FPS-80	Long Range Radar (Sensor)
FRT-80	440L Transmitter
FPS-85	Spacetrack and Satellite Surveillance Radar
FPS-87A	FPS-20A with OA-4381
FPS-90	Long Range Height
FPS-91A	FPS-20A with OA-3424

FPS-92
FPS-93A
TPS-501
FPS-502
TPS-502
TPS-507

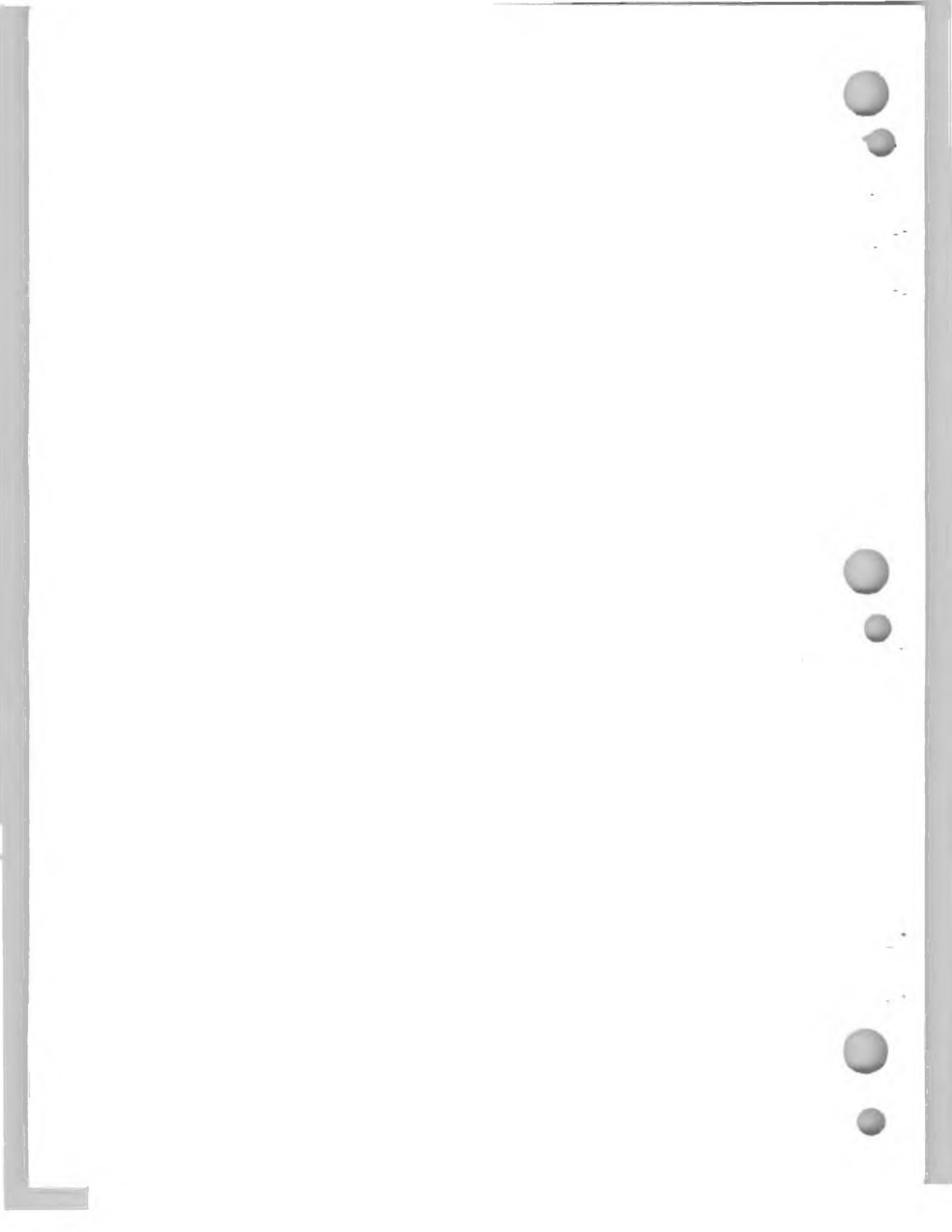
GFA-102
GFA-103
OA-3424
OA-4381

Tracker Radar (EMEWS)
AN/FPS-87A with OA-3424
Canadian Short Range Height
Canadian Medium Range Search
Canadian Short Range Height
Canadian Long Range Height
(FPS-6B with SM-72 Klystron.)

ECCM Modification kit for FPS-20/20A
ECCM Modification kit for FPS-20/20A
High gain antenna providing more
effective ECCM capability.
Receiver group

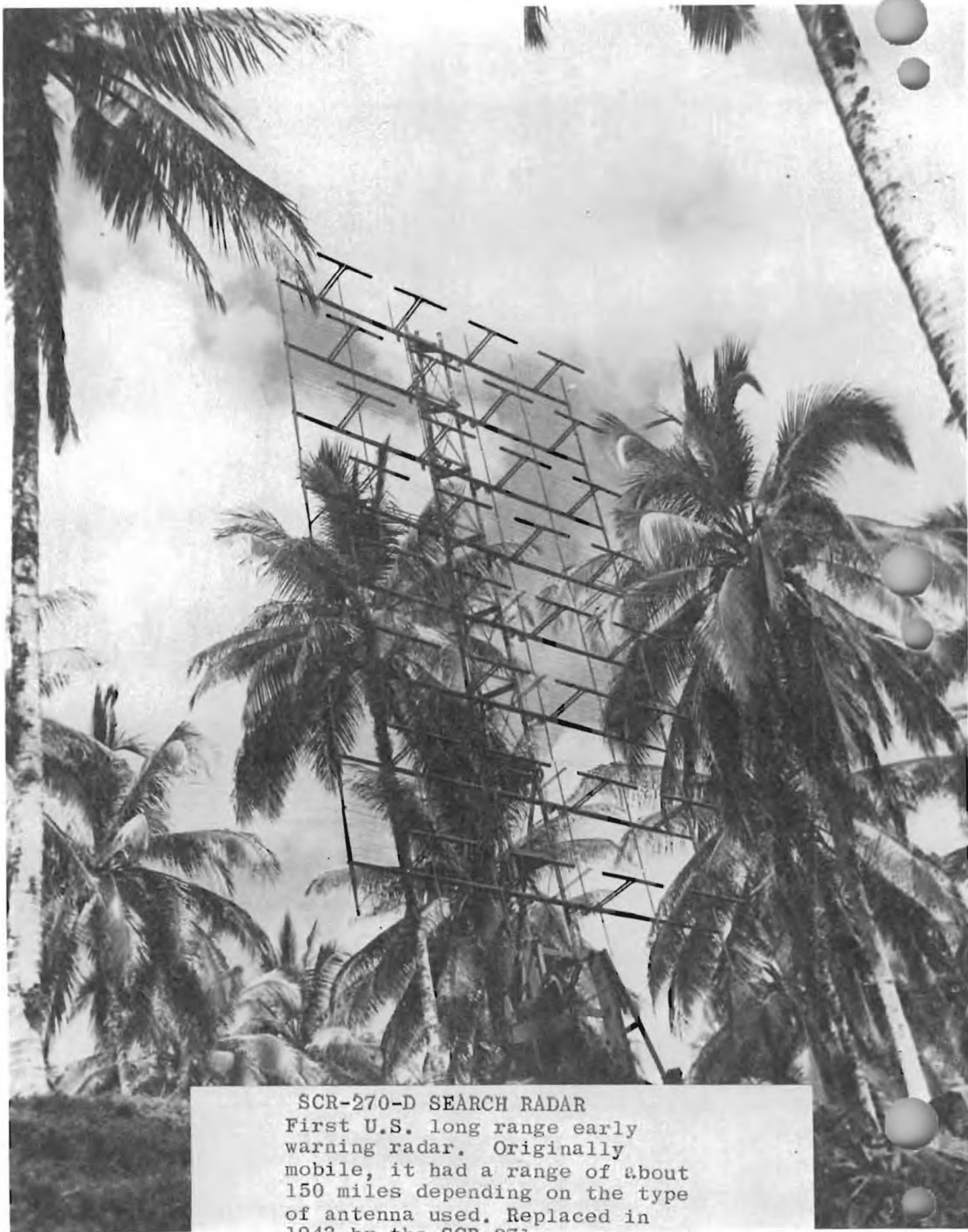
Section II

GROUND RADAR SYSTEM
1947-1972



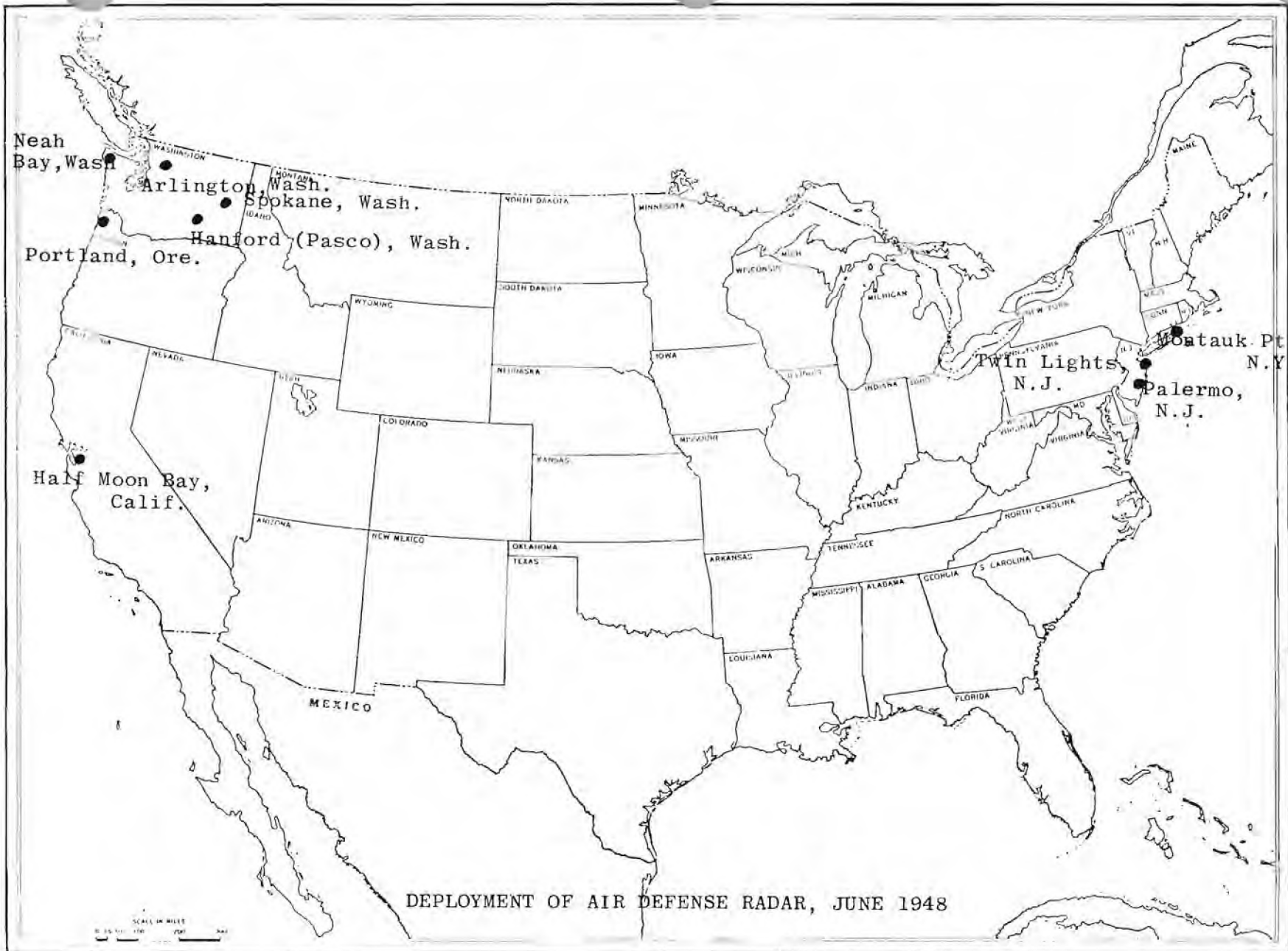


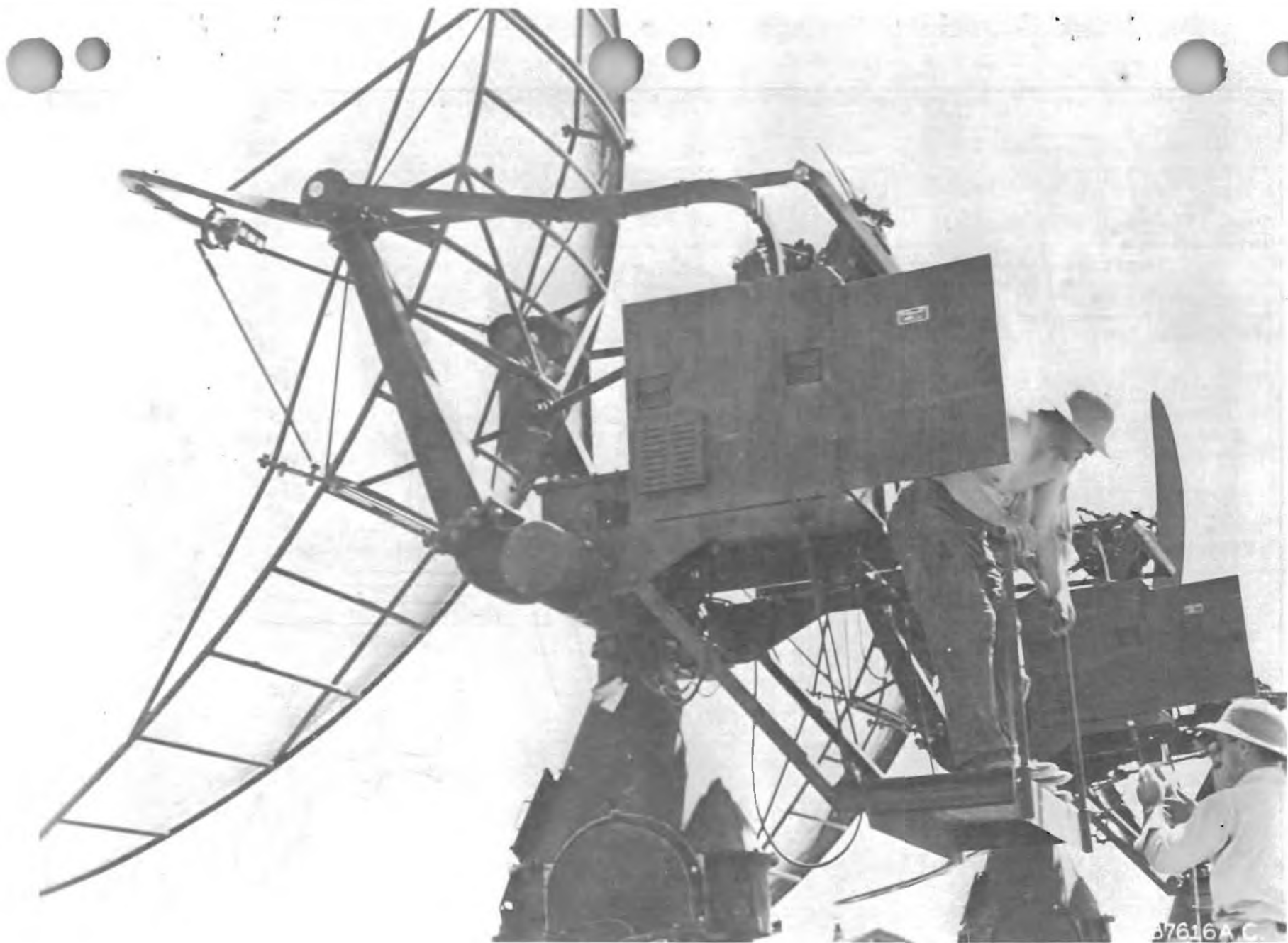
GCI - SCR-271 SEARCH RADAR



SCR-270-D SEARCH RADAR

First U.S. long range early warning radar. Originally mobile, it had a range of about 150 miles depending on the type of antenna used. Replaced in 1943 by the SCR-271





GCI- AN/CPS-4 Height Finder



AN/TPS-10

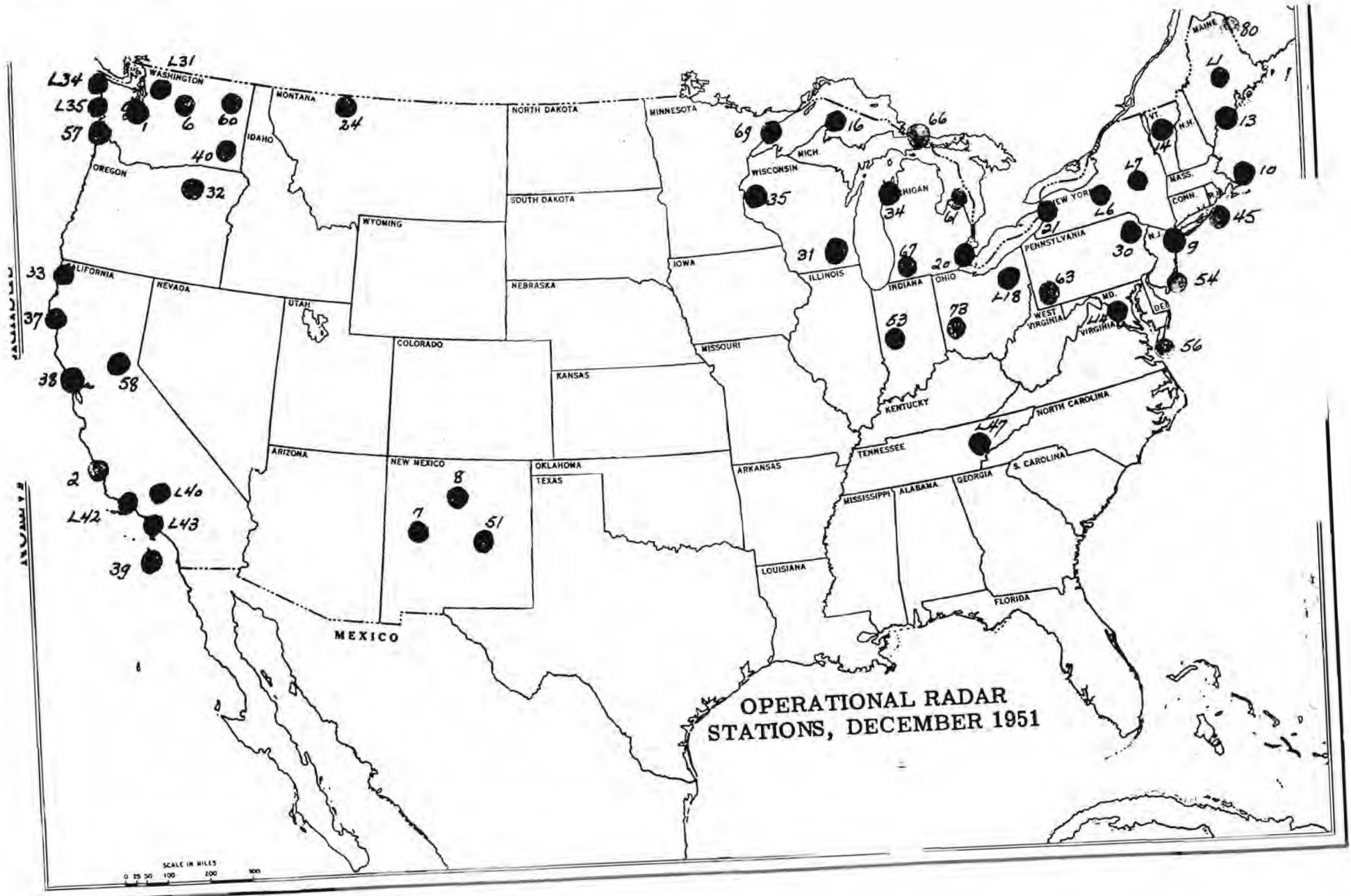


ADC RADAR DEPLOYMENT

1947-1948

A plan for an extensive radar network was drawn up and approved by the Chief of Staff, USAF, in November 1947. This plan, code named SUPREMACY, was dependent upon Congressional action in making the necessary funds available to USAF for construction of sites. On 19 January 1948 ADC was officially apprised of the plan and notified that it was the implementing agency. The plan was introduced in the 80th Congress in April 1948, but it died without any action being taken by the legislature. In the meantime, plans were being made to put into effect an interim AC&W system for air defense of the continental United States. (pp. 55-74, Hist of ADC, Jan-Jun 1951.)

<u>Site Location</u>	<u>Type Equipment</u>	<u>Operational Date</u>
Arlington, Wash. (near Bellingham)	AN/CPS-5	Late 1947
Half Moon Bay, Calif. (for training)	AN/CPS-5	Late 1947
Hanford (Pasco), Wash.	AN/TPS-1B	March 1948
Neah Bay, Wash.	AN/TPS-1B	March 1948
Portland, Ore.	AN/TPS-1B	March 1948
Spokane, Wash.	AN/TPS-1B	March 1948
Montauk Point, N. Y.	AN/TPS-1B	June 1948
Palermo, N. J.	AN/TPS-1B	June 1948
Twin Lights, N. J.	AN/CPS-6	June 1948



United

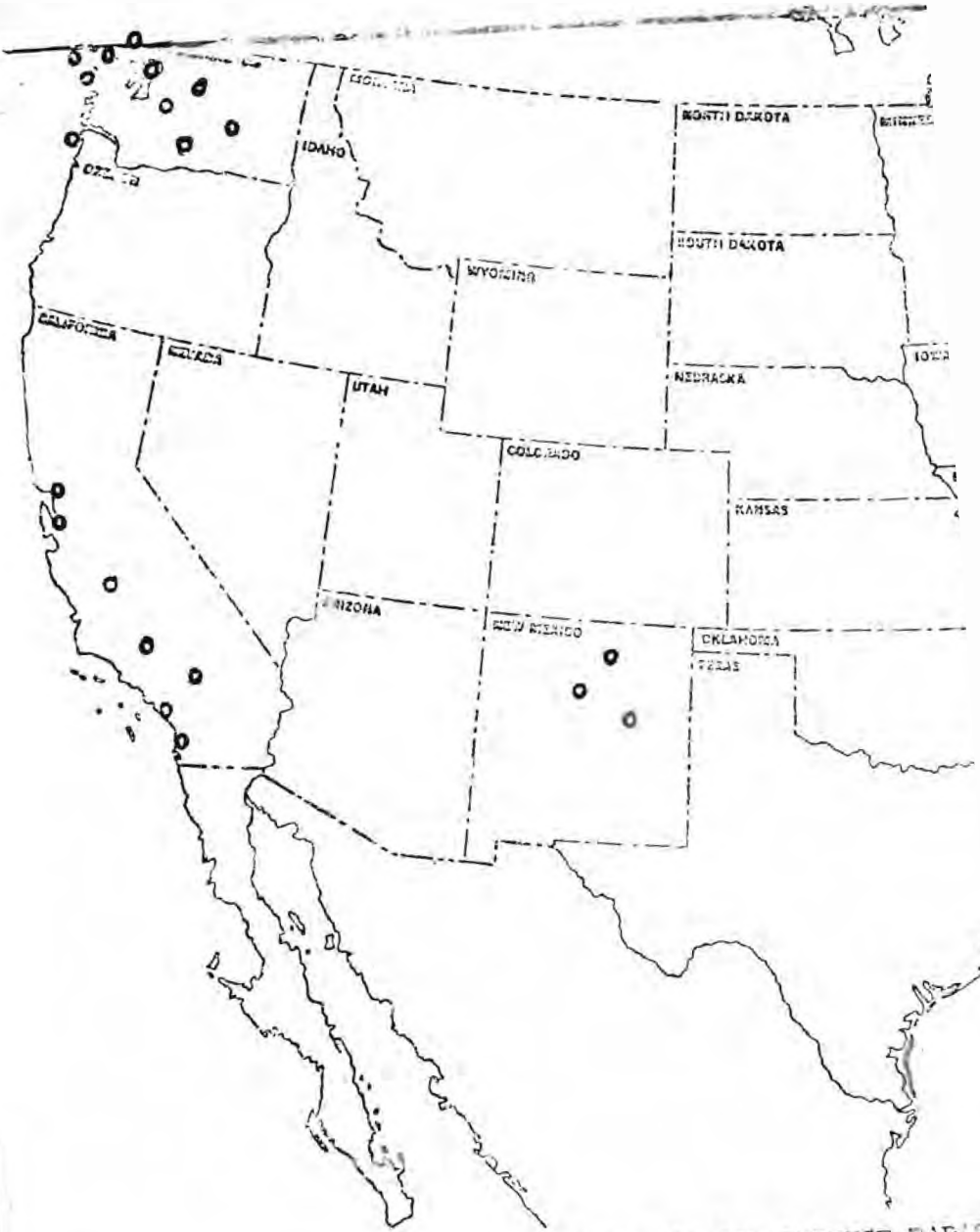
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DEPLOYMENT OF AIR DEFENSE RADAR

100 200 300 400 500 MILES

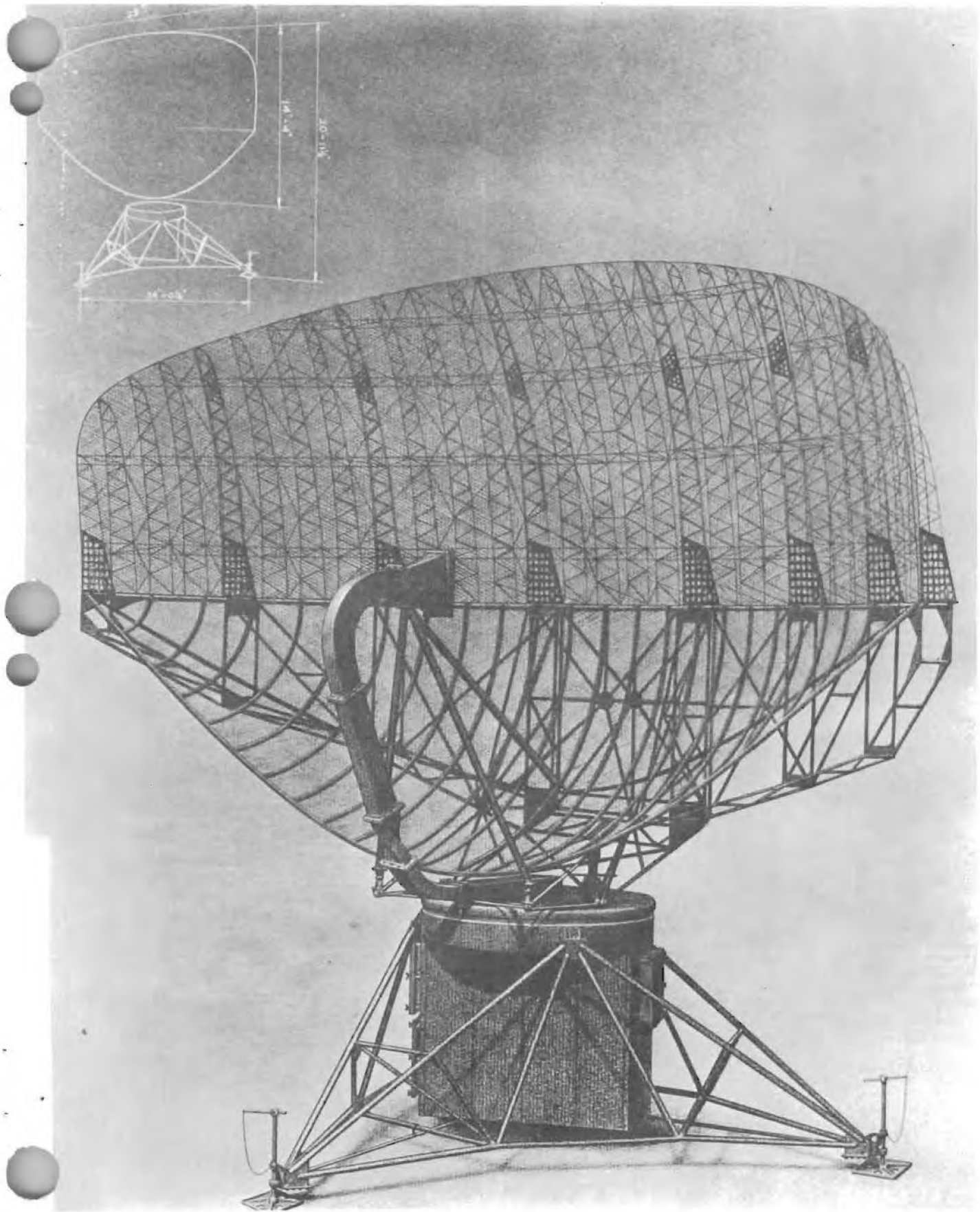


APRIL 1950 (LASHUP)

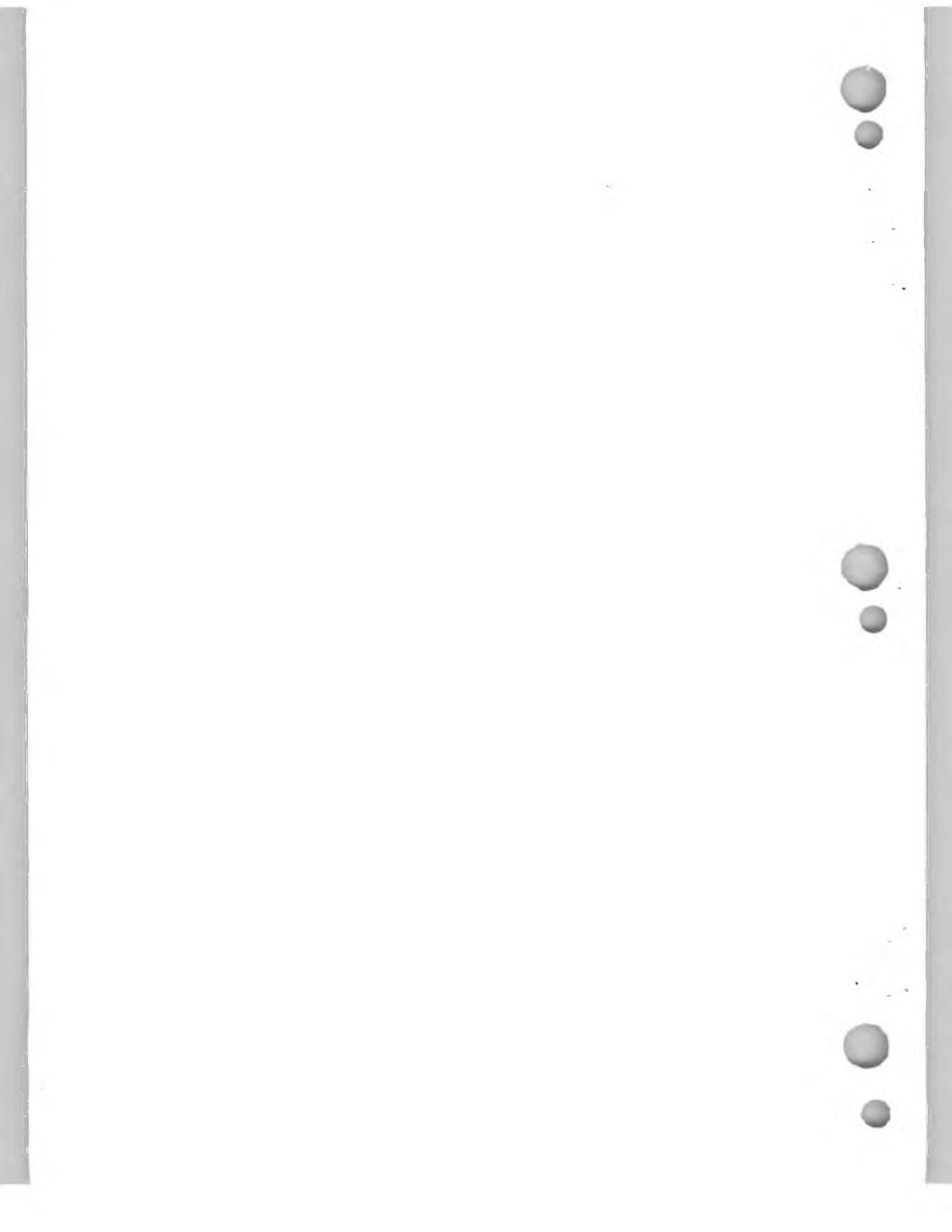
THE LASHUP RADAR NETWORK*

1948-1952

Site No.	Location	Date of Calibration	Type of Equipment		Equipment Change	Ceased Opns Date Replaced by Type Radar
			1950	1951		
L-1	Dow AFB, Me.	Jun 50	AN/CPS-5			Oct 51; P-65 Charleston, Me.
L-2	Ft. Williams, Me.	Jun 50	AN/TPS-10A			Oct 51; became ANG Trng site
L-3	Ft. Ethan Allen, Vt.	Feb 50	AN/TPS-1B			Sep 51; P-14 St. Albans, Vt.
L-4	Grenier AFB, N. H.	Jun 50	AN/CPS-5			Feb 51; P-13 Brunswick, Me.
L-5	Otis AFB, Mass.	Jul 50	AN/CPS-5			Oct 51; P-10 N. Truro, Mass.
L-6	Pine Camp, N. Y.	Jul 50	AN/CPS-5	AN/CPS-5		Jun 52; P-49 Watertown, N.Y.
L-7	Schenectady, N. Y.	Jun 50	AN/CPS-5	AN/TPS-10A		Feb 52; P-50 Schuylerville NY
L-8	Seneca Ord Dep, N.Y.	Jun 50	AN/TPS-10A			Sep 51; P-14 Bellevue Hill, Vt.
L-9	Indiantown Gap, Pa.	Nov 50	AN/CPS-5			
L-10	Camp Hero, N. Y.	May 50	AN/TPS-1B	AN/CPS-5		May 52; P-4 Camp Hero
L-11	Santini, N. Y.	May 50	AN/TPS-10A			Inactivated Oct 51.
L-12	Twin Lights, N. J.	May 50	AN/CPS-6			Oct 51; P-9, Navesink, N.J.
L-13	Palermo, N. J.	Mar 50	AN/TPS-1B	AN/CPS-5		Apr 52; P-54, Palermo, N.J.
L-14	Ft. Meade, Md.	Sep 50	AN/TPS-10A			Feb 52; P-55, Quantico, Va.
L-15	Ft. Custis, Va.	Apr 50	AN/CPS-5			Feb 52; P-56, Ft. Custis, Va.
L-16	Connelville, Pa.	Jul 50	AN/CPS-4			Nov 51; P-63 Blue Knob Park, Pa.
L-17	Selfridge AFB, Mich.	Nov 50	AN/TPS-1C			Oct 51. P-20, Selfridge AFB Mi
L-18	Ravenna Apt., Ohio	May 50	AN/CPS-5			Apr 52; P-62 Brookfield, O.
L-19	Ft. Niagara, N. Y.	Aug 50	AN/TPS-10A			Sep 51; P-21 Shawnee, N.Y.
L-20	Oscoda, Mich.	Aug 50	AN/CPS-6			Ceased Opns Jul 1951
L-21	Sault Ste Marie, Mich	Jun 50				Apr 52; LP-66, Sault Ste Marie
L-22	Lockbourne AFB, Ohio	Nov 50	AN/TPS-1B			Apr 52, LP-73, Bellefontaine O.
L-28	Spokane AFB, Wash.	Jul 50	AN/TPS-1C			Feb 52, LP- Colville,
L-29	Larson AFB, Wash.	Jul 50	AN/CPS-5	AN/CPS-1		Jan 52; P-40 Othello, Wash
L-30	Richland, Wash.	Jul 50	AN/TPS-1B	AN/CPS-4		Jan 52; P-40 Othello, Wash



AN/CPS-5





E/W - Typical early warning radar station showing AN/TPS-10A height finder on left and AN/TPS-1B search radar on right.

32104 A/C

1948-52

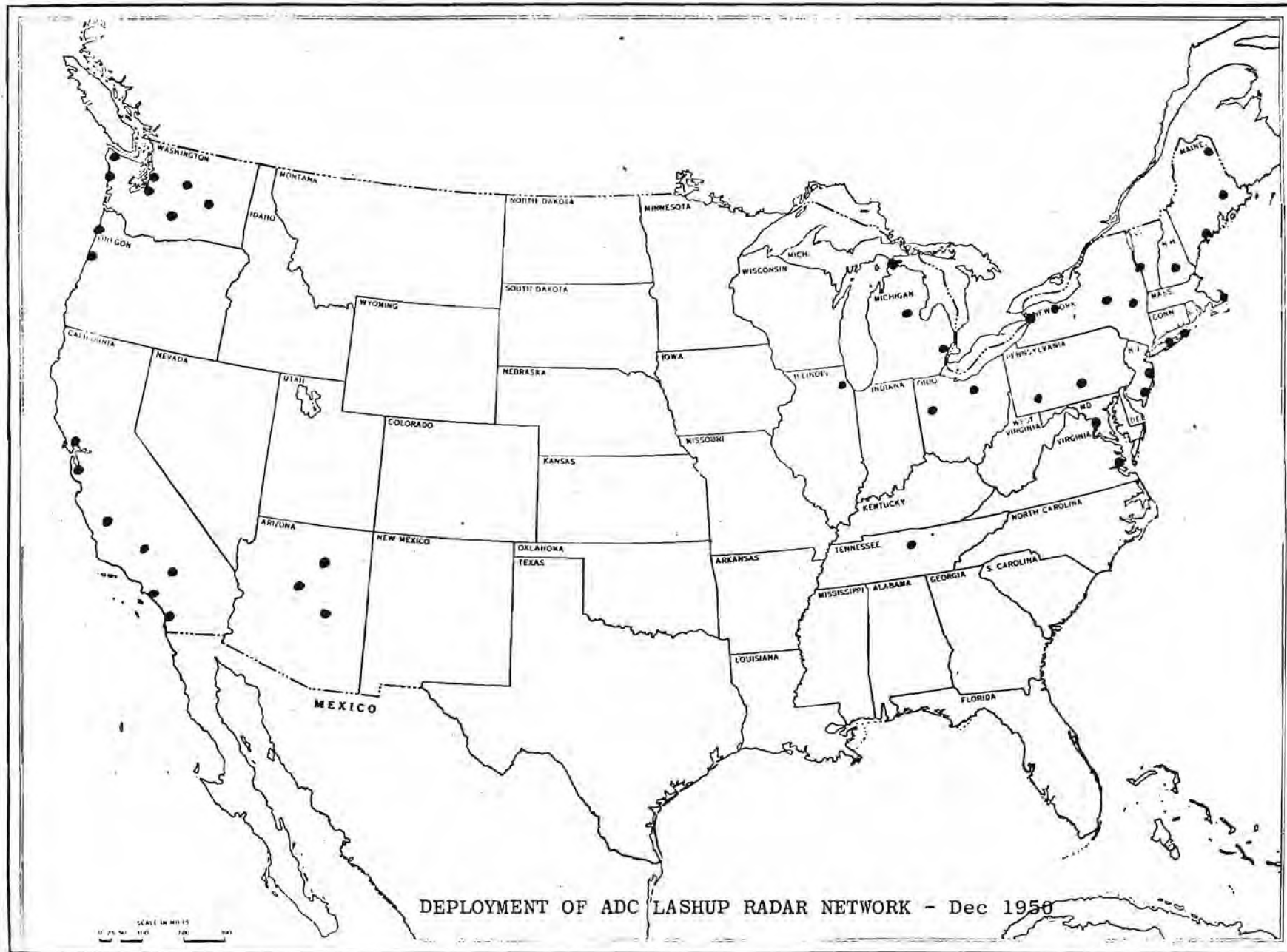
THE LASHUP RADAR NETWORK - CONTD

Site No.	Location	Date of Calibration	Type of Equipment		Equipment Change 1951	Ceased Opns Date - Replaced by Perm type Radar
			1950	1951		
L-31	Paine Field, Wash.	Oct 50	AN/CPS-1			Jun 51; P-1, McChord AFB, Wa.
L-32	McChord AFB, Wash.	Jun 50	AN/CPS-4			Jun 51; P-1, McChord AFB, Wa.
L-33	Portland AFB, Ore.	Aug 50	AN/TPS-1B	AN/CPS-5		Feb 52; P-12, North Bend, Ore.
L-34	Neah Bay, Wash.	May 50	AN/TPS-1B	AN/CPS-4		Feb 52; P-44, Bohokus Peak, Wn.
L-35	Pacific Beach, Wash.	Oct 50	AN/CPS-5			Feb 52; P-57, Naselle, Wash
L-36	Ft. Stevens, Ore.	Sep 50	AN/TPS-1B	AN/CPS-5		Feb 52; P-57, Naselle, Wash
L-37	Mather AFB, Calif.	Jun 50	AN/CPS-6			Oct 51; P-58, Mather AFB, Calif
L-38	Half Moon Bay, Calif.	Jun 50	AN/CPS-6			Oct 51; P-38, Mt. Tamalpais, CA
L-39	Minter Field, Calif.	Sep 50	AN/CPS-4			Jun 52; P-76, Mt. Laguna, CA
L-40	Edwards AFB, Calif.	Oct 50	AN/CPS-5			Feb 52; P-59, Atolia, Calif
L-41	Camp Cooke, Calif.	Oct 50	AN/TPS-1C			Apr 52; P-15, Santa Rosa Isl, C
L-42	Port Hueneme, Calif.	Oct 50	AN/TPS-1C			Apr 52; P-15, Santa Rosa Isl, CA
L-43	Ft. MacArthur, Calif	Dec 50	AN/TPS-1B			Jan 52; P-74, Madera, Calif
L-44	El Vado, N. Mex.		AN/CPS-5			Dec 51; P-8, El Vado, N.M.
L-45	Kirtland AFB, N.Mex.	Dec 50	AN/CPS-4			Nov 51; P-51, Moriarty, N.M.
L-46	Walker AFB, N.Mex.		AN/CPS-5			Nov 51; P-7, Gonzales, N.M.
L-47	McGhee-Tyson Apt, Tenn	Dec 50	AN/TPS-1B			May 52; P-42, Cross Mtn, Tenn
L-49	O'Hare IAP, Ill.	Nov 50	AN/TPS-1B			
L-50	Limestone, Me.	Feb 51	AN/TPS-1B			Jul 52; P-80, Caswell, Me.
LASHUP RADARS BY TYPE:						
			1950	1951		
		AN/CPS-1	1	2		
		AN/CPS-4	5	7		
		AN/CPS-5	16	20		
		AN/CPS-6	6	6		
		AN/TPS-1B	13	8		
		AN/TPS-1C	5	5		
		AN/TPS-10A	5	8		
		TOTAL	51	56		

TOTAL 44 locations

Nov 51 (110-11)

* Hist of ADC, Jan-Jun 51, pp. 75-94; ADC Comd Data Books, Apr 51 (p. 115)



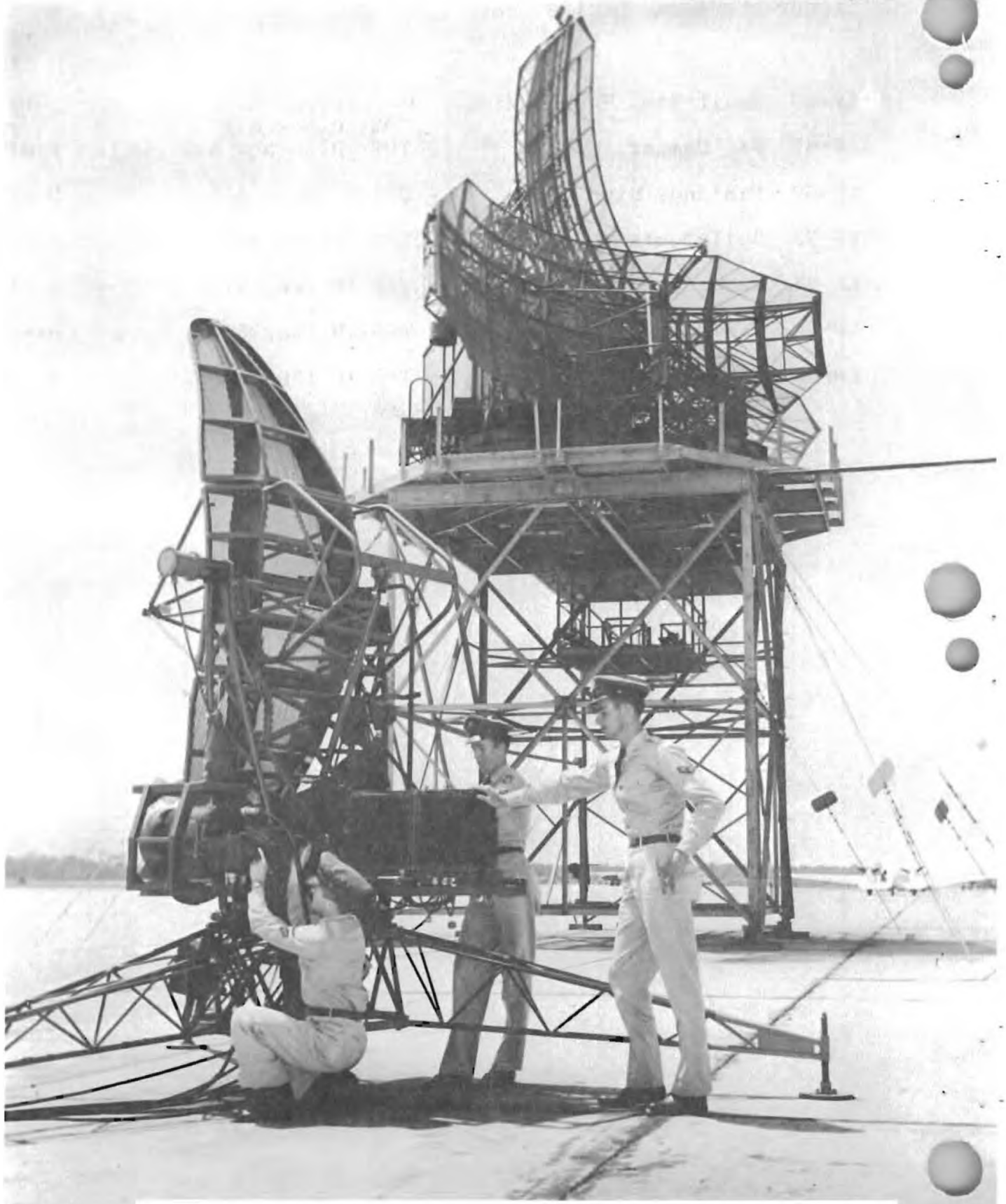
LASHUP-PERMANENT RADARS

		<u>Search</u>	<u>Height</u>	<u>Replaced by:</u>
LP-2	Cambria, Calif.	TPS-1C (Nov51)		P-2
LP-6	Mt. Bonaparte, Wash.	TPS-1B (Mar51)		P-6
LP-7	Gonzales, N. Mex.	CPS-5		P-7
LP-8	El Vado, N. Mex.			P-8
LP-9	Navesink N.J.			P-9
LP-16	Keweenaw, Mich.	CPS-5		P-16
LP-20	Selfridge AFB, Mich.			P-20
LP-24	Del Bonita, Mont.	TPS-1B (Nov51)		P-24
LP-31	Elkhorn, Wisc.			P-31
LP-32	Condon, Ore.	TPS-1C(Nov51)		P-32
LP-33	Klamath, Ore.	TPS-1B(Apr 51)		P-33
LP-37	Hill Peak Rd., Calif.	TPS-1B(Apr 51)		P-37
LP-39	San Clemente, Calif.	TPS-1C(Nov 51)		P-39
LP-40	Saddle Mountain, Wash.	TPS-1B(Mar 51)		P-40
LP-45	Camp Hero, N. Y.	CPS-5	TPS-10A	P-45
LP-51	Moriarity, N. Mex.	CPS-5(30Nov51)		P-51
LP-53	Rockville, Ind.	TPS-1B(30Nov51)		P-53
LP-54	Palermo, N. J.	CPS-5(30Nov51)		P-54
LP-55	Ft. Custis, Va.	CPS-5(30Nov51)	CPS-4	P-55
LP-60	Colville, Wash.	TPS-1B(Mar51) TPS-1C(Nov51)		P-60
LP-61	Port Austin, Mich.	TPS-1C(30Nov51)		P-61
LP-63	Blue Knob Park ,Pa.	TPS-1C(30Nov51)		P-63

LASHUP-PERMANENT RADARS (contd)

41

LP-66	Sault Ste. Marie, Mich.	TPS-1B(Mar 51) TPS-1C(Nov 51)	P-66
LP-67	Ft. Custer, Mich.	TPS-1B(30 Nov 51)	P-67
LP-69	Finland, Minn.	CPS-5(30Nov 51)	P-69
LP-73	Bellefontaine	TPS-1B(Nov 51)	P-73
LP-74	Madera, Calif.	TPS-1B (Mar 51)	P-74
LP-80	Caswell, Me.	TPS-1B (Mar 51)	P-80
LP-82	Godman Fld., Ky.	TPS-1C (30 Apr 52)	P-82



GCI - AN/TPS-10D Height Finder radar
in foreground. AN/CPS-6 V beam search
and height finder radar in background.

24170



AN/FPS-3

ADC OVERSEAS RADAR NETWORK

Site	Location	Previous #	ACW Sq	Activa-tion	Manual Ops	Transfer'd to NSAC	Transfer'd to ADC	Initial Equip't	Equip't Change	Current Equip't	Inacti-vation
C-22	Redcliff AS, Nfld	L-22	642	1 Aug 51	Jun 52		1 Apr 57	FPS-3 FPS-502 TPS-502		FPS-3 FPS-502 TPS-502	1 Oct 61
C-23	Stephenville Nfld	N-23	640*	May 53	Aug 53			CPS-6 FPS-502 CPS-6B TPS-502	FPS-20A (61) FPS-6B(61) FPS-90(64) FPS-93(64)	FPS-93A FPS-90	30 Jun 71
C-24	Melville AS Labr.	N-24	641	1 Aug 51	Aug 53		1 Apr 57	CPS-6 FPS-502 CPS-6B TPS-502	FPS-20A (61) FPS-6B(61) FPS-90(64) FPS-93(64)	FPS-93A FPS-90	30 Jun 71
C-25	Cander AS, Nfld	N-25	226 RCAF	1 Aug 53	Fall 53			FPS-3C FPS-502 TPS-502			RCAF Site
C-26	St. Anthony AS, Nfld.	N-26	921	26 May 53	Nov 53	Oct 53	1 Apr 57	FPS-3 FPS-502 TPS-502	FPS-6B (63) FPS-20A(65) FPS-93A (66)	FPS-93A FPS-6	18 Jun 68
C-27	Cartwright AS, Labr.	N-27	922	1 Oct 53	Nov 53	Oct 53	1 Apr 57	FPS-3 FPS-502 TPS-502	FPS-20A (61) FPS-6B(61) FPS-90(64) FPS-87A(65) FPS-93A(66)	FPS-93A FPS-90	18 Jun 68

* Unit moved from Ernest Harmon AFB to Stephenville AS in Nov 57.

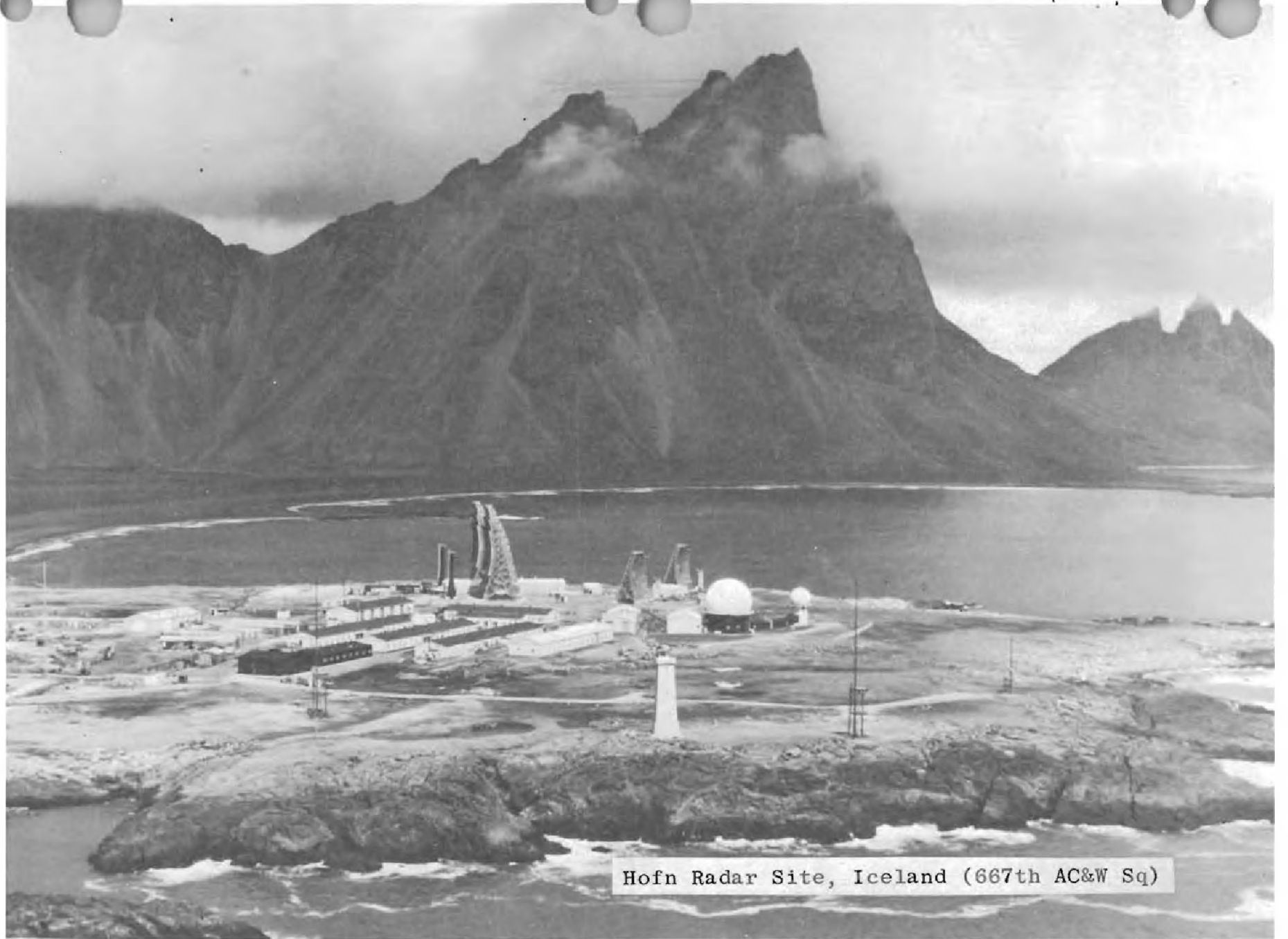
Site	Location	Previous #	ACW Sq	Activation	Manual Ops	Transfer'd to NEAC	Transfer'd to ADC	Initial Equip't	Equip't Change	Current Equip't	Inactivation
C-28	Hopedale AS Labr.	N-28	923*	13 Jun 51	Nov 53	Oct 53 **	1 Apr 57	FPS-3 FPS-502 TPS-502	FPS-6B(62) FPS-20A(64) FPS-90(64) FPS-87(66) FPS-93A(67)	FPS-90 FPS-93A	18 Jun 68
C-29	Saglek AS, Labr.	N-29	924	13 Jun 51	Dec 53	Oct 53 **	1 Apr 57	FPS-3 FPS-502 TPS-502	FPS-20(60) FPS-20A(63) FPS-93A(66)	FPS-93A	31 Jul 70
C-30	Resolution Isl. AS, NWT	N-30	920	1 Aug 51	Nov 51	19 Jan 52 **	1 Apr 57	FPS-3 FPS-502 TPS-502		FPS-3 FPS-502	1 Nov 61
C-31	Frobisher Bay Baffin Isl., NWT	N-31	926	13 Jun 51	Dec 53	Oct 53 **	1 Apr 57	FPS-3 FPS-502 TPS-502	FPS-20A(60)	FPS-20A	1 Nov 61
G-32	Thule AB, Greenland	L-32	931	8 Nov 52	Jul 53		1 Apr 57	FPS-3 FPS-6 FPS-4	FPS-20A(58)	FPS-20A FPS-6	24 Dec 65
G-33	Etah, Grld	G-33	Det 1, 931	1 Oct 53	Dec 53			TPS-1D TPS-1D		TPS-1D TPS-1D	1 Apr 57

* Unit moved from Goose AB to Melville AS in Nov 57

~~CONFIDENTIAL~~

Site	Location	Previous #	ACW Sq	Activa- tion	Manual Ops	Transfer'd to NEAC	Transfer'd to ADC	Initial Equip't#	Equip't Change	Current Equip't#	Inacti- vation
G-34	Ice Cap, Greenland	G-34	Det 2, 931	1 Oct 53	Apr 54			TPS-1D TPS-1D		TPS-1D TPS-1D	31 Dec 57
H-1	Rockville ACW Sta., Iceland	H-1	932	1951	Jul 53		Fr MATS, 1 Jul 62	Equip't Jun 62 FPS-20A FPS-6	FPS-93A (68)	FPS-93A FPS-6	
H-2	Langenes ACW Sta., Iceland	H-2	667+	1951	1953						Jan 61, Bubble destroyed in storm.
H-3	Hofn ACW Sta., Iceland	H-3	667+	1951 Jan 61	Jul 56		Fr MATS, 1 Jul 62	Equip't Jun 62 FPS-20A FPS-6	FPS-93A (68)	FPS-93A FPS-6	
H-4	NW corner of Iceland	H-4		1951							1960
+	In January 1961, H-2 search radar bubble reactivated H-3 site at Hofn.	1961, H-2 search radar bubble blown down during storm. 667 ACW Sq transferred to newly									
**	Units transferred from Grenier AFB, NH, and assignment to 4707th Def Wg to NEAC.	Grenier AFB, NH, and assignment to 4707th Def Wg to NEAC.									

~~CONFIDENTIAL~~



Hofn Radar Site, Iceland (667th AC&W Sq)

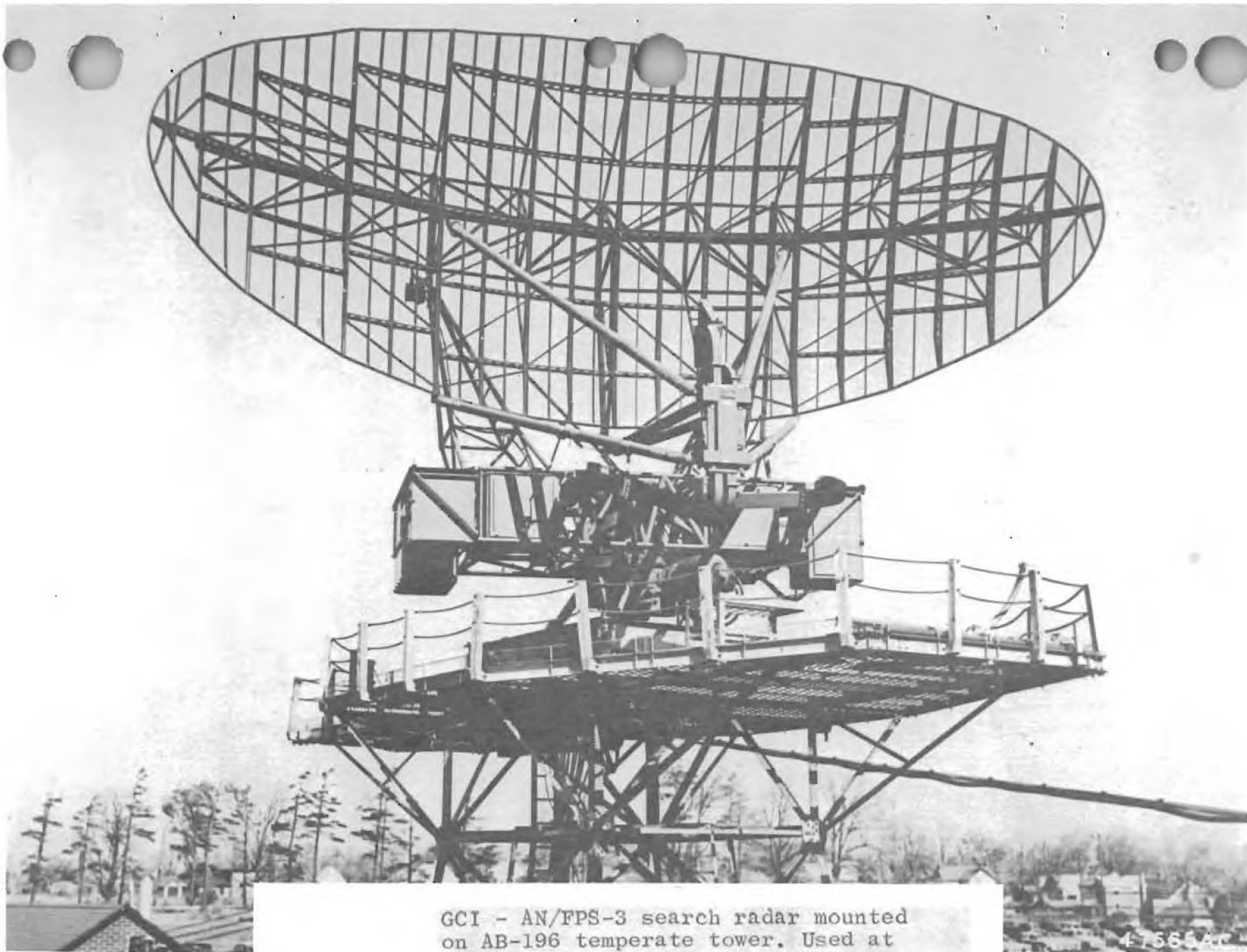


RADAR EXTENSION PROGRAM
(PINETREE)
1953 - 1963

Site	Location	ACW Sq	Op't'l	Initial Equip't Search	Equip't Jun 54		Equip't Jun 57		Equip't Change Search 59 - 62	Equip't Jun 62		Transf'd to RCAF
					Search	Height	Search	Height		Search	Height**	
C-10	Ramore, Ont.	912	1 Apr 53	TPS-1D	FPS-3*	TPS-502	FPS-3	TPS-502	FPS-3A(59)	FPS-3A	FPS-6B	Apr 62
C-14	Pagwa R., Ont.	913	1 Apr 53	TPS-1D	FPS-3	TPS-10D	FPS-3	TPS-502	FPS-20(58) FPS-20A(60)	FPS-20A	FPS-6B (2)	1 Jun 63 ***
C-15	Armstrong, Ont.	914	1 Apr 53	TPS-1D	FPS-3	TPS-10D	FPS-3	TPS-502		FPS-3	FPS-6B	1 Nov 62
C-16	Sioux Lookout, Ont.	915	1 Apr 53	TPS-1D	FPS-3	TPS-502	FPS-3	TPS-502	FPS-20(59) FPS-20A(60)	FPS-20A	FPS-6B	1 Oct 62
C-17	Beausejour, Man.	916	1 Apr 53	TPS-1D	FPS-3*	TPS-10D	FPS-3	TPS-502		FPS-3	FPS-6B (2)	1 Oct 61
C-19	Puntzi Mt., B.C.	917	1 Apr 53	TPS-1D	FPS-3	FPS-4	FPS-3	TPS-502		FPS-3	FPS-6B	1 Feb 63 ***
C-20	Baldy Hughes Mt., B.C.	918	27 May 53	TPS-1D	FPS-3*	TPS-10D	FPS-3	TPS-502	FPS-20(59) FPS-20A(60)	FPS-20A	FPS-6B (2)	1 Mar 63
C-21	Saskatoon, Alb.	919	1 Apr 53	TPS-1D	FPS-3	TPS-10D	FPS-3	TPS-502	FPS-20(59) FPS-20A(60)	FPS-20A	FPS-6B (2)	1 Apr 63

- * C-10, C-17, and C-20 converted to FPS-3 radars on 15 January 1953.
 ** Conversion to FPS-6B Height Finder radars completed by 30 June 1962.
 *** Sites closed 31 December 1966.

Site	Location	Previous #	ACW Sq	Manual Ops	Equip't as of Oct 58		Equip't as of Transfer		Transferred to RCAF
					Search	Height	Search	Height	
C-102	Barrington, NS	M-102	672	Feb 59	FPS-3A	FPS-6A	FPS-3A	FPS-6A	1 Jun 62
C-119	Lowther AS, Ont	M-119	639	Jul 58	MPS-7	MPS-14	MPS-7	MPS-14	1 Jul 62
C-153	Kamloops AS, BC	SM-153	825	Jan 59	FPS-3	FPS-6	FPS-3	FPS-6	1 Apr 62



GCI - AN/FPS-3 search radar mounted
on AB-196 temperate tower. Used at
fixed ground control intercept stations.

47565A.c



AN/MPS-11 on left and AN/FPS-8 on right

MOBILE RADAR PROGRAM, PHASE I
1949-1963

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1949 - 1963
M-88	Amarillo, Tex.	688 1 Oct 53	May 55		1955-MPS-7; TPS-10D 1959-FPS-20A; TPS-10D 1960-FPS-6A; FPS-20A TPS-10D 1961-FPS-6A; FPS-20A
M-89	Sweetwater, Tex.	683 1 Dec 53	Apr 56	---	1956-MPS-11; TPS-10D 1961-FPS-6A; MPS-11 1962-FPS-6B; MPS-11 1963-FPS-90; MPS-11
M-90	Walker AFB, N.M.	686 1 Oct 53	Dec 55		1956-MPS-7; MPS-14 Ceased Opn 21 May 63 <u>Sq inactivated 1 Aug 63</u>
M-91	Texarkana, Ark.	703 1 Dec 53	Jun 55		1955-MPS-7; MPS-14 1958-FPS-20; MPS-14 1959-FPS-20A; MPS-14 1960-FPS-20; MPS-14 1961-FPS-20A; MPS-14
M-92	Mt. Lemmon, Calif	684 1 Dec 53	Aug 56	Sep 61	1957-MPS-7; MPS-14; TPS-10D 1958-MPS-7; MPS-14 1959-FPS-20; MPS-14 1961-FPS-20A; MPS-14 1962-FPS-6; FPS-67; MPS-14
M-93	Winslow, Ariz.	904 18 Jun 53	Feb 56	---	1956-MPS-11 1958-FPS-6A; MPS-11 1959-FPS-6B; MPS-11 1961-FPS-6B(2); MPS-11 1962-FPS-6B; MPS-11 Ceased Opn 30 Apr 63; <u>Sq inactivated 1 Aug 63</u>
M-94	West Mesa, N.M.	687 1 Oct 53	Jul 56	---	1957-MPS-7; MPS-14 1961-FPS-20A; MPS-14
M-95	Las Cruces, N.M.	685 27 Nov 50	Jun 55		1955-MPS-7 1956-MPS-7; MPS-8; TPS-1D 1957-MPS-7; MPS-8; MPS-14; TPS-1D 1958-MPS-7; MPS-14 1960-FPS-20; MPS-14 1961-FPS-20A; MPS-14 Ceased Opn 30 Apr 63; <u>Sq inactivated 1 Aug 63</u>

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1949-1963
M-96	Almaden, Calif.				1958-FPS-20; MPS-14 1959-FPS-6A; FPS-20; MPS-14 1960-FPS-6B; FPS-20A; MPS-14 1962-FPS-6B; FPS-20A; FPS-24; MPS-14 1963-FPS-24; FPS-90; MPS-14
M-97	Ellsworth AFB, S.D.	740 1 Feb 53	Jun 55		1955-MPS-7 1956-MPS-7; MPS-14 1959-FPS-20A; MPS-14 <u>Ceased Opn Jul 62;</u> <u>Sq inactivated 15 Aug 62.</u>
M-98	Miles City, Mont.	902 20 May 53	Aug 55	Jan 61	1956-MPS-7; MPS-14 1958-FPS-20; MPS-14 1960-FPS-6B; FPS-20A; MPS-14 1962-FPS-6B; FPS-66; MPS-14
M-99	Gettysburg, S.D.	903 20 May 53	Apr 56	Dec 59	1956-MPS-7; MPS-14 1958-FPS-6A; FPS-20A; MPS-14 1959-FPS-6B; FPS-20A; MPS-14 1962-FPS-6B; FPS-66; MPS-14 1963-FPS-66; FPS-90; MPS-14
M-100	Mt. Hebo, Ore.	689 1 Oct 53	Oct 56	Jun 60	1957-FPS-4; FPS-6; MPS-11 1958-FPS-6; GPS-3; MPS-11 1959-FPS-6; FPS-6B; MPS-11(2) 1960-FPS-6; FPS-6B; MPS-11 1962-FPS-6; FPS-6B; FPS-24; MPS-11 1963-FPS-24; FPS-26; FPS-90; MPS-11
M-101	Rochester, Minn.	808 23 Jun 53	Jul 56		1956-TPS-1D <u>Ceased Opn May-Jun 57</u> <u>Sq inactivated 8 Sep</u>

Site No.	Location	Sodn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1949-1963
M-103	No. Concord, Vt.	911 25 May 53	Nov. 56	Feb 59	1957-MPS-11; MPS-14 1958-FPS-6A; MPS-11; MPS-14 1959-FPS-3; FPS-6A; MPS-11; MPS-14 1960-FPS-6A; MPS-11; MPS-14 <u>Ceased Opn 30 Apr 63</u> <u>Sodn inactivated</u> <u>1 Aug 63.</u>
M-104	Rye, N. H.	644 Oct 54	May 56	---	1956-TPS-1D <u>Ceased Opn May-Jun 57;</u> <u>Sq inactivated Oct 57.</u>
M-110	Bucks Harbor, Me.	907 26 May 53	Apr 56	Jan 60	1956-MPS-11 1959-FPS-8; MPS-11 1960-FPS-6A(2); GPS-3; MPS-11 1961-FPS-6B(2); GPS-3; MPS-11 1963-FPS-6B; FPS-24 FPS-90
M-111	Marietta (Dobbins), Ga.	908 25 Jun 53	Oct 56	Jul 62	1957-MPS-8; MPS-11 1958-FPS-6; MPS-11 1962-ARSR-1A; FPS-6 1963-ARSR-1A; FPS-6(2)
M-112	Hunter AFB, Ga.	702 1 Dec 53	Dec 55	Sep 62	1956-MPS-7; MPS-14; TPS-10D 1957-GPS-3; MPS-7; MPS-14; TPS-10D 1958-GPS-3; MPS-14 1959-FPS-20A; MPS-14 1961-FPS-20A; FPS-26; MPS-14 1962-FPS-67; MPS-14 1963-FPS-26; FPS-67 MPS-14
M-113	Charleston AFB, S. C.	792 1 Nov 53	Jun 55	Oct 62	1955-MPS-7 1956-GPS-3; MPS-7; MPS-8; MPS-14 1958-MPS-7; MPS-14 1959-FPS-20A; MPS-14 1962-FPS-26; FPS-66; MPS-14

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1949-1963
M-114	Jacksonville, Fla	679 1 Sep 53	Mar 59		1959-FPS-3; FPS-8; MPS-14 1960-FPS-8; MPS-14 1962-site relocated on Jackson NAS 1963-FPS-6(2); FPS-66
M-115	Ft. Fisher, N.C.	701 1 Dec 53	Dec 55	Jan 63	1956-MPS-7; MPS-8 1958-GPS-3; MPS-7; MPS-14 1962-FPS-7C; FPS-26 MPS-7; MPS-14 1963-FPS-7C; FPS-26 MPS-14
M-116	Cherry Point MCAS, N.C.	614 ---	Oct 58		1959-FPS-6; FPS-8(2) 1961-FPS-6; FPS-8 Ceased Opn 30 Apr 63; Sq inactivated 1 Aug 63
M-117	Roanoke Rapids, N.C.	632 20 May 53	Feb 56	Jan 59	1956-MPS-11; TPS-10 1958-FPS-6; FPS-6A; MPS-11 1959-FPS-3; FPS-6; FPS-6A; FPS-8 1960-FPS-6; FPS-6A; FPS-8 1961-FPS-6(2); MPS-11 1962-FPS-6; FPS-6A; MPS-11
M-118	Burns, Ore.	634 20 Jun 53	Oct 55	Jan 61	1956-MPS-7 1958-FPS-6A; MPS-7 1959-FPS-6A(2); MPS-7 1960-FPS-6B(2); MPS-7 1961-FPS-6B(2); FPS-7B 1963-FPS-7B; FPS-90(2)
M-121	Bedford, Va.	649 26 May 53	Feb 56	Feb 59	1956-MPS-8; MPS-11 1957-FPS-6; MPS-8; MPS-11 1958-FPS-6(2); MPS-11 1959-FPS-6(2); FPS-20A 1963-FPS-6(2); FPS-67
M-122	Dallas Center, Iowa	650 20 May 53	May 56		1956-TPS-1D (moved from Ft. Snelling, Minn. to Dallas Cntr, Ia. in Jul 55) Ceased Opn May-Jun 57 Sq inactivated 8 Oct 57

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl date	Equipment Changes 1949-1963
M-125	England AFB, La.	653 18 Jun 53	Nov 55		1956-MPS-14; TPS-1D; TPS-10D 1957-MPS-7; MPS-14 1959-FPS-20; MPS-14 1960-FPS-20A; MPS-14 <u>Ceased Opn 23 Apr 63;</u> <u>Sq inactivated 1 Aug 63.</u>
M-126	Houma NAS, La.	657 18 Jun 53	Dec 55	Feb 61	1956-MPS-14; TPS-1D; TPS-10D 1957-MPS-7; MPS-14; TPS-1D; TPS-10D 1958-FPS-20; MPS-7; MPS-14 1959-MPS-14; FPS-20 1960-FPS-6A; FPS-20A; MPS-14 1961-FPS-6B; FPS-20A; MPS-14 1962-FPS-6B; FPS-67; MPS-14 1963-FPS-67; FPS-90; MPS-14
M-127	Winnemucca, Nev.	658 20 Jun 53	Sep 56	Jan 61	1957-FPS-3 1959-FPS-3; FPS-6B(2) 1960-FPS-6B(2); FPS-20A 1962-FPS-6B(2); FPS-66 1963-FPS-66; FPS-90(2)
M-128	Kingman, Ariz.	659 20 Jun 53	Oct 55		1956-MPS-7; MPS-14 <u>Ceased Opn Feb 1958.</u> <u>Sq inactivated 15 Aug 58</u>
M-129	MacDill AFB, Fla.	660 Dec 49	Feb 55	Mar 60	1956-MPS-7; MPS-14 1958-GPS-3; MPS-7; MPS-14 1959-FPS-6B; FPS-20A; MPS-14 1961-FPS-6B; FPS-7B; FPS-20A 1962-FPS-6B; FPS-7B; FPS-26 1963-FPS-7B; FPS-26; FPS-90

MOBILE RADAR PROGRAM - PHASE II
1956-1963

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1956-1963
SM-132	Baudette, Minn.	692 8 Aug 58		Nov 59	1960-FPS-3; FPS-6A(2) 1961-FPS-3; FPS-6B(2) 1962-FPS-3; FPS-6B(2); FPS-24 1963-FPS-24; FPS-26A; FPS-90
SM-133	Hastings, Neb.	625 1 Jan 62		Nov 62	1962-FPS-6(2); FPS-67
SM-134	Pickstown, S.D.	695 18 Apr 61		Dec 61	1962-FPS-6(2); FPS-66
SM-138	Grand Rapids, Minn.	707 8 Apr 56	Jan 57	Nov 59	1957-FPS-3 1958-FPS-6; FPS-20A 1959-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-67 <u>Ceased Opn 1 May 1963;</u> <u>Sq inactivated 1 Aug 63.</u>
SM-139	Willmar, Minn.	721 8 Apr 56	Aug 57		1958-FPS-6; FPS-6A; FPS-8; MPS-7. 1959-FPS-3; FPS-6; FPS-6B; FPS-8 1960-FPS-6; FPS-6B; FPS-8 <u>Ceased Opn 1 Nov 60;</u> <u>Sq inactivated 1 Jun 61.</u>
SM-143	Walnut Ridge, Ark.	725 8 Apr 55	Jul 56	Oct 62	1956-MPS-11 1957-MPS-8; MPS-11 1958-FPS-6; MPS-11 <u>Ceased Opn 8 May 63;</u> <u>Sq inactivated 1 Aug 63</u>
SM-145	Joelton, Tenn.	799 ---	Oct 57		1958-MPS-11; TPS-10D 1959-FPS-6; FPS-8; MPS-11 1960-FPS-6; FPS-8 <u>Ceased Opn 1 Aug 60;</u> <u>Sq inactivated 1 Jun 61.</u>
SM-147	Malmstrom AFB, Mont.	801 Feb 56	Sep 57	Feb 61	1958-FPS-6; FPS-20 1960-FPS-6; FPS-6B; FPS-20A 1963-FPS-6; FPS-20A; FPS-90

Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1956-1963
SM-149	Baker, Ore.	821 Sep 57	---	Feb 63	1963-FPS-6; FPS-35
SM-150	Cottonwood, Idaho	822 Feb 57	Mar 59		1959-FPS-6; MPS-7; MPS-14 1960-FPS-6; MPS-7 1962-FPS-6B; MPS-7; MPS-14 1963-FPS-6; FPS-6B; FPS-24
SM-151	Mica Peak, Wn.	823 Feb 57	Apr 58	Jul 60	1958-FPS-20; MPS-14 1959-FPS-6A; FPS-20; MPS-14 1960-FPS-6; FPS-20A; MPS-14 1961-FPS-6B; FPS-20A; MPS-14 1962-FPS-6; FPS-67; MPS-14 1963-FPS-67; FPS-90; MPS-14
SM-156	Fallon, Nev.	858 8 Oct 55	Nov 56	May 63	1957-MPS-7; MPS-14 1959-FPS-3; MPS-7; MPS-14 1960-MPS-7; MPS-14 1963-FPS-35; MPS-14
SM-157	Red Bluff, Cal.	859 8 Nov 51	Aug 56	Jun 60	1957-MPS-8; MPS-11 1958-FPS-8; MPS-11 1959-FPS-6; FPS-6A; MPS-11 1960-FPS-6; FPS-6B; MPS-11 1963-FPS-6; FPS-67; FPS-90; MPS-11
SM-159	Aiken, S. C.	861 8 Apr 55	Dec 55	Jul 62	1956-FPS-3; MPS-14; TPS-10D 1957-FPS-3; MPS-14 1959-FPS-20A; MPS-14 1962-FPS-7C; FPS-20A; FPS-26A; MPS-14 1963-FPS-7C; FPS-26A; MPS-14
SM-162	Vincent (Yuma), Ariz.	864 8 Aug 55	Sep 56	---	1957-MPS-7; MPS-14 <u>Ceased Opn 30 Apr 63;</u> <u>Sq inactivated 1 Aug 63</u>

MOBILE RADAR PROGRAM - PHASE III
1958-1963

56

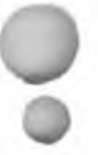
Site No.	Location	Sqdn and Activation Date	Manual Opnl Date	SAGE Opnl Date	Equipment Changes 1956-1963
TM-177	Dickinson, N.D.	706 8 Dec 57	Jun 59	Nov 63	1959-FPS-3; FPS-6A 1960-FPS-3A; FPS-6A (2) 1961-FPS-3; FPS-6B (2) 1963-FPS-66; FPS-90 (2)
TM-178	Lewistown, Mont	694 8 Aug 58	Feb 60	Mar 61	1960-FPS-3A; FPS-6A 1961-FPS-3A; FPS-6A FPS-6B 1963-FPS-3A; FPS-6A FPS-90
TM-179	Kalispell, Mont	716 1 Oct 58	---	Jul 61	1962-FPS-7B; FPS-90 (2)
TM-180	Keno, Ore.	827 8 Sep 57	Feb 59	Jun 60	1959-FPS-6A (2); FPS-20 1960-FPS-6A; FPS-6B FPS-20A 1962-FPS-6A; FPS-6B FPS-67 1963-FPS-6A; FPS-67 FPS-90
TM-181	Luke Range, Ariz	612 8 Mar 57	Jul 59	Sep 61	1959-FPS-6; FPS-20A 1961-FPS-6A; FPS-20A 1962-FPS-6A; FPS-7C FPS-20A 1963-FPS-6A; FPS-7C FPS-26
TM-186	Pyote, Tex.	697 8 Dec 56	Jun 58	---	1958-FPS-3; FPS-6 1960-FPS-3A; FPS-6 Ceased Opn 30 Apr 63; Sq inactivated 1 Aug 63.
TM-187	Ozona, Tex.	732 8 Nov 56	Apr 59	---	1959-FPS-3; FPS-6 Ceased Opn 30 Apr 63; Sq inactivated 1 Aug 63.
TM-188	Eagle Pass, Tex.	733 8 Sep 56	May 59	---	1959-FPS-20A; FPS-6 Ceased Opn 30 Apr 63; Sq inactivated 1 Aug 63.
TM-189	Zapata, Tex.	742 8 Sep 56	May 59	---	1959-FPS-3A; FPS-6 1960-FPS-3; FPS-6 Ceased Opn 1 Aug 60; Sq inactivated 1 Jun 61.
TM-190	Pt. Isabel, Tex.	811 8 Apr 56	Jan 59	---	1959-FPS-3A; FPS-6 Ceased Opn 1 Aug 60 Sq inactivated 1 Jun 61.

ADC GAP FILLER DIRECTORY

Alexander, N. D....	TM-177B	Dallas Center, Iowa.....	P-81A
Allen, N. C.....	M-130B	Delhi, La.....	M-125A
Alma, Ga.....	M-112C	Delmita, Tex.....	TM-189A
Alpena, Mich.....	P-34E	Depot Mountain, Me.....	P-80C
Anacortes, Wash...	P-46A	Davenport, Ala.....	TM-199A
Andes, N. Y.....	P-50B	Disston, Ore.....	P-12B
Aquone, N. C.....	P-42A	Eaglet River, Ont.....	P-66D
Askov, Minn.....	P-69C	Edgewood, Mo.....	P-70B
Aurora, Minn.....	P-69D	Elberton, Ga.....	M-111E
Bagley, Minn.....	P-17B	Elbow Lake, Minn.....	P-17A
Bainbridge, Ohio..	P-43A	Eglin AFB, Fla.....	TM-198B
Bangor, N. Y.....	P-14C	Elizabeth City, N. C.....	P-56C
Barnesville, Ga....	M-111B	Ellsworth, Kans.....	P-47A
Batchawana, Ont....	P-66C	El Paso, Tex.....	M-95A
Benson, Ariz.....	M-92C	Emery, Mich.....	P-20B
Bethany Beach, Del.	RP-63E	Englehard, N. C.....	M-116B
Bethany Beach, Del.	P-56B	Eureka, Mont.....	SM-151F
Big Falls, Minn..	SM-132A	Fannett, Tex.....	P-79A
Big Spring, Tex....	M-89B	Fibre, Mich.....	P-66B
Blue Mtn Lake, NY..	P-14B	Fort Bragg, N. C.....	M-115B
Blythe Is, Ga.....	M-114B	Fort Dearborn, N. H.....	P-10B
Boulder City, Nev.	SM-163A	Fort Francis, Ont.....	SM-132C
Bradyville, Tenn..	SM-145A	Gabbs, Nev.....	SM-156A
Bridgeboro, Ga....	TM-200B	Gage, N. M.....	M-95G
Bridgewater, Me...	P-80B	Galata, Mont.....	P-25A
Brockport, N.Y....	P-21A	Garland, Kans.....	P-72A
Brockway, Mont....	M-98B	Georgetown, S. C.....	M-113B
Brookfield, Ohio..	RP-62E	Gibbsboro, N. J.....	P-9A
Brooks, Wisc.....	P-19C	Glendive, Mont.....	M-98A
Brownfield, Tex...	M-89C	Globe, Ariz.....	M-92D
Browning, Mont....	P-24A	Grafton, N. D.....	P-29B
Bunnell, Fla.....	M-114A	Grand Marais, Mich.....	P-66A
Burns Junction, Ore	M-118A	Gulfport, Miss.....	TM-196B
Burnside, Mich....	P-20A	Hanover, Pa.....	RP-54B
Capetown, Calif...	P-33A	Hanover, Pa.....	P-55D
Carrabelle, Fla...	TM-198A	Hayfork, Calif.....	SM-157C
Carrizo Springs, Tex	TM-188A	Hellier, Ky.....	P-43B
Charlotte Center, NY	P-21B	Hermanville, Md.....	P-55B
Chehalis, Wash.....	RP-1C	Hillside, Ariz.....	M-93B
Chilmark, Mass....	P-45B	Hogeland, Mont.....	P-25B
Claysburg, Pa.....	P-30H	Hollyridge, N. C.....	M-116C
Columbus, N.M.....	M-95B	Inverness, Fla.....	M-129B
Comstock, Tex.....	TM-187B	Ione, Wash.....	P-60A
Corn Springs, Calif	SM-162B	Janesville, Calif.....	SM-157A
Covered Wells, Ariz	TM-181B	Jeffersonville, Ga.....	M-112E
Coyote Wells, Calif	P-76D	Jim Falls, Wisc.....	P-35C
Curlew, Wash.....	P-60C	Joliet, Pa.....	P-30F



AN/FPS-18 GAP FILLER RADAR
Shafter, California



Joshua Tree, Calif..	P-59C	Perry, Fla.....	TM-200A
Kingston, Ind.....	P-82C	Petoskey, Mich.....	P-34A
Kittitas, Wash.....	P-40A	Philomath, Ore.....	M-100B
LaCrescent, Minn....	P-81C	Placer, Ore.....	P-12C
La Motte, Iowa.....	P-81B	Porthill, Ida.....	SM-151C
La Pine, Ore.....	TM-180B	Port Orford, Ore.....	P-12A
Laredo, Tex.....	TM-189B	Poston, Ariz.....	SM-162I
Lathrop Wells, Nev.	SM-163B	Quinn Riv.Crossing, Nev..	M-127A
Laytonville, Calif.	P-37A	Regan, Mont.....	P-28D
Lewisville, Ohio...	RP-62B	Richland Center, Ind.....	P-67B
Lockwood, Calif....	P-2A	Rivera, Tex.....	TM-191A
London, Ont.....	P-20F	Santa Rosa, N. M.....	M-90B
London, Ky.....	P-42B	San Ysidro, Calif.....	P-76B
Madisonville, Ky...	P-82D	Saugatuck, Mich.....	P-67C
Manorville, N.Y....	P-45A	Schulenberg, Tex.....	TM-192B
Marblehead, Ohio...	P-20C	Sedgwick, Me.....	P-13A
Marquand, Mo.....	P-70D	Sells, Ariz.....	M-92A
Mason, Tex.....	P-75A	Shafter, Calif.....	P-59A
Mazama, Wash.....	P-60E	Shelby, Mich.....	P-67D
McCamey, Tex.....	TM-187A	Sheyenne, N. D.....	P-29A
McIntosh, S. D.....	TM-177C	Sidney, Tex.....	M-89E
Melvin Hill, N. C..	P-42C	Sierra Blanca, Tex.....	M-90E
Middle River, Minn.	P-29D	Statesburg, S. C.....	M-113A
Midland, Mich.....	P-67A	Stone Cabin, Ariz.....	SM-162C
Mingus Mountain, Ariz	M-93A	Summit, Miss.....	TM-195A
Monee, Ill.....	RP-31D	Suttons Corner, NY.....	P-49A
Moreno, Calif.....	P-76E	Sweetgrass, Mont.....	P-24C
Moyie Springs, Ida.	SM-151D	Tacna, Ariz.....	SM-162A
Myrtle Beach, S. C.	M-115A	Tecate, Calif.....	P-76A
Neoga, Ill.....	P-70F	Temperanceville, Va.....	P-56A
New Orleans, La...	M-126A	Thomas, W. Va.....	P-55F
New Preston, Conn.	P-50A	Thompson, Ohio.....	RP-62A
New Salem, Mass...	P-50E	Tierra del Sol, Calif....	P-76C
Niobe, N. D.....	P-28A	Topock, Ariz.....	SM-162H
Normangee, Tex....	TM-192C	Topsfield, Me.....	P-65A
Northfield, Minn..	P-35B	Two Creeks, Wisc.....	P-19B
Northport, Wash...	P-60B	Ulysses, Pa.....	P-30E
Norway, Mich.....	P-19A	Unionville, Nev.....	M-127B
Odon, Ind.....	P-82A	Upson, Wisc.....	P-69B
Okanogan, Wash....	P-60D	Valley City, N. D.....	P-29C
Orla, Tex.....	M-90A	Van Vleck, Tex.....	P-79B
Oswegatchie, N.Y..	P-49B	Vichy, Mo.....	P-70C
Ottawa, Okla.....	P-77A	Waha, Ida.....	SM-150A
Owingsville, Ky...	P-82B	Washington, Iowa.....	P-64A
Painesdale, Mich..	P-16A	Washougal, Wash.....	M-100A
Palacios, Tex.....	TM-191B	Weeks Island, La.....	TM-194A
Palermo, N. J.....	RP-63C	Wenatchee, Wash.....	P-40B
Palo Verde, Calif..	SM-162D	Westboro, Mass.....	P-10A
Parris Is MS, S.C...	M-112A	Whitetail, Mont.....	P-26D

(ADC Gap Filler Directory - contd)

Whitewater, Mont...	P-26A	Nobel, Ont.....	C-4B
Whitmore, Calif....	SM-157B	Oba, Ont.....	M-119A
Williams Bay, Wisc.	RP-31F	Portneuf, Que.....	C-1B
Wilsey, Kans.....	P-47B	Rapides des Joachims,Que.	C-3D
Winfield, Kans....	P-77D	Redditt, Ont.....	C-17A
Wintergarden, Fla.	M-129A	Scotch Settlement,N.B...	C-5A
Yaak, Mont.....	SM-151E	Silver Falls, Ont.....	C-15B
Yreka, Calif.....	TM-180A	Springton, PEI.....	C-11C
Zuni, N.M.....	M-94B	Spotted Isle, Labr.....	C-27B
		St. Cecil Stn.,Que.....	C-6A
		St. Charles de-Bellechasse,	
		Que.....	C-6C
		St. Cleophas, Que.....	C-5E
		St. Joseph, N.S.....	M-102B
		Timmins, Ont.....	C-10A
		Tobermory, Ont.....	C-9B
		Todd Mountain, N.B.....	C-5B
		Westport, Ont.....	C-3A
<u>CANADIAN</u>			
Alder River, N.S....	C-34B		
Algonquin Park,Ont.	C-3C		
Atikokan, Ont.....	C-16B		
Batchawana, Ont...	P-66C		
Belleterre, Que...	C-10B		
Biscotasing, Ont..	C-9D		
Brampton, Ont.....	C-4C		
Buck Horn, Ont....	C-4A		
Cape Makkovik,Labr	C-28A		
Chapleau, Ont.....	M-119B		
Cut Throat Is,Labr	C-27A		
Eaglet River, Ont.	P-66D		
Elliot Lake, Ont..	C-9C		
Elliston Ridge,Nfld	C-22B		
Formosa, Ont.....	C-4D		
Fox Harbor, Labr..	C-26A		
Ft. Francis, Ont..	SM-132C		
Geraldton, Ont....	C-14A		
Graham, Ont.....	C-16A		
Grand Fond, Que...	C-1A		
Lac des Loups,Que.	C-8A		
Lac Scie, Nfld....	C-26B		
Lac Ste Marie,Que.	C-3B		
La Macaza, Que....	C-2B		
La Tuque, Que.....	C-2A		
Les Etroits, Que..	C-6D		
London, Ont.....	P-20F		
Manton River, Ont.	C-9A		
Marathon, Ont.....	C-14B		
Mt. Carleton, N.B.	C-5C		
Mt. Carleton, Que.	C-5D		
New Yarmouth, N.S.	C-11A		
Nicolet, Que.....	C-6B		
Nipigon, Ont.....	C-15A		

ADC GAP FILLER PROGRAM

1957 - 1970

	June		December	
	CONUS	64th Air Div	CONUS	64th Air Div
1957	8	5	38	6
1958	51	6	69	6
1959	83	6	108	6
1960	131	6	84	6
1961	76	0	95	0
1962	89	0	95	0
1963	83	0	86	0
1964	88	0	92	0
1965	89	0	89	0
1966	88	0	86	0
1967	88	0	68	0
1968	17	0	17	0
1969	17	0	16	0
1970	10	0	0	0

NOTE: The above figures were taken from ADC Histories and
RCS: ADC V-24 Reports.

GAP FILLERS - As of 30 June 1957

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N. J.	Mar 57	FPS-14
P-10A	Westboro, Mass.	Jun 57	FPS-14
P-10B	Fort Dearborn, N. H.	Jun 57	FPS-14
P-20A	Burnside, Mich.	Jun 57	FPS-14
P-45A	Manorville, N. Y.	Jun 57	FPS-14
P-45B	Chilmark, Mass.	Jun 57	FPS-14
P-50A	New Preston, Conn.	Jun 57	FPS-14
P-50E	New Salem, Mass.	Jun 57	FPS-14
TOTAL Sites			8

64th Air Div Gap Filler Sites:

C-22B	Elliston Ridge AS, Nfld.	Jan 57	FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57	FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57	FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57	FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57	FPS-14(A)
TOTAL Sites			5

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N. J.	Mar 57	FPS-14
P-10A	Westboro, Mass.	Jun 57	FPS-14
P-10B	Fort Dearborn, N. H.	Jun 57	FPS-14
P-12A	Port Orford, Ore.	Nov 57	FPS-14
P-13A	Sedgwick, Me.	Sep 57	FPS-14
P-20A	Burnside, Mich.	Jun 57	FPS-14
P-21A	Brockport, N. Y.	Aug 57	FPS-14
P-21B	Charlotte Center, N. Y.	Aug 57	FPS-14
P-24A	Browning, Mont.	Oct 57	FPS-14
P-24C	Sweetgrass, Mont.	Oct 57	FPS-14
P-25A	Galata, Mont.	Oct 57	FPS-14
P-25B	Hogeland, Mont.	Oct 57	FPS-14
P-26A	Whitewater, Mont.	Aug 57	FPS-14
P-26D	Whitetail, Mont.	Aug 57	FPS-14
P-28A	Niobe, N. D.	Oct 57	FPS-14
P-29A	Sheyenne, N. D.	Nov 57	FPS-14
P-29B	Grafton, N. D.	Nov 57	FPS-14
P-30E	Ulysses, Pa.	Jul 57	FPS-14
P-34A	Petoskey, Mich.	Nov 57	FPS-14
P-35B	Northfield, Minn.	Nov 57	FPS-14
P-45A	Manorville, N. Y.	Jun 57	FPS-14
P-45B	Chilmark, Mass.	Jun 57	FPS-14
P-49A	Suttons Corner, N. Y.	Aug 57	FPS-14
P-50A	New Preston, Conn.	Jun 57	FPS-14
P-50E	New Salem, Mass.	Jun 57	FPS-14
P-55B	Hermanville, Md.	Nov 57	FPS-14
P-55D	Hanover, Pa.	Nov 57	FPS-14
P-56A	Temperanceville, Va.	Sep 57	FPS-14
P-56B	Bethany Beach, Del.	Sep 57	FPS-14
P-56C	Elizabeth City, N. C.	Sep 57	FPS-14
P-67A	Midland, Mich.	Nov 57	FPS-14
P-69C	Askov, Minn.	Oct 57	FPS-14
P-76A	Tecate, Calif.	Nov 57	FPS-14
P-77A	Ottawa, Okla.	Oct 57	FPS-14
M-90A	Orla, Tex.	Sep 57	FPS-14
M-95A	El Paso, Tex.	Dec 57	FPS-14
M-95B	Columbus, N. M.	Dec 57	FPS-14
M-126A	New Orleans, La.	Oct 27	FPS-14

TOTAL Sites 38

64th Air Div Gap Filler Sites:

C-22B	Elliston Ridge AS, Nfld.	Jan 57	FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57	FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57	FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57	FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57	FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57	FPS-14(A)

TOTAL Sites 6

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N. J.	Mar 57	Jun 58	FPS-14
P-10A	Westboro, Mass.	Jun 57		FPS-14
P-10B	Fort Dearborn, N. H.	Jun 57		FPS-14
P-12A	Port Orford, Ore.	Nov 57		FPS-14
P-13A	Sedgwick, Me.	Sep 57		FPS-14
P-14C	Bangor, N.Y.	May 58		FPS-18
P-20A	Burnside, Mich.	Jun 57		FPS-14
P-21A	Brockport, N. Y.	Aug 57		FPS-14
P-21B	Charlotte Center, N.Y.	Aug 57		FPS-14
P-24A	Browning, Mont.	Oct 57		FPS-14
P-24C	Sweetgrass, Mont.	Oct 57		FPS-14
P-25A	Galata, Mont.	Oct 57		FPS-14
P-25B	Hogeland, Mont.	Oct 57		FPS-14
P-26A	Whitewater, Mont.	Aug 57		FPS-14
P-26D	Whitetail, Mont.	Aug 57		FPS-14
P-28A	Niobe, N.D.	Oct 57		FPS-14
P-29A	Sheyenne, N.D.	Nov 57		FPS-14
P-29B	Grafton, N. D.	Nov 57		FPS-14
P-30E	Ulysses, Pa.	Jul 57		FPS-14
P-33A	Capetown, Calif.	Jan 58		FPS-14
P-34A	Petoskey, Mich.	Nov 57		FPS-14
P-35B	Northfield, Minn.	Nov 57		FPS-14
P-37A	Laytonville, Calif.	Feb 58		FPS-14
P-45A	Manorville, N.Y.	Jun 57	Jun 58	FPS-14
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14
P-49A	Suttons Corner, N.Y.	Aug 57		FPS-14
P-49B	Oswegatchie, N.Y.	May 58		FPS-18
P-50A	New Preston, Conn.	Jun 57		FPS-14
P-50E	New Salem, Mass.	Jun 57		FPS-14
P-55B	Hermanville, Md.	Nov 57		FPS-14
P-55D	Hanover, Pa.	Nov 57		FPS-14
P-55F	Thomas, W. Va.	Feb 58		FPS-14
P-56A	Temperanceville, Va.	Sep 57		FPS-14
P-56B	Bethany Beach, Del.	Sep 57		FPS-14
P-56C	Elizabeth City, N.C.	Sep 57		FPS-14
P-67A	Midland, Mich.	Nov 57		FPS-14
P-69C	Askov, Minn.	Oct 57		FPS-14
P-76A	Tecate, Calif.	Nov 57		FPS-14
P-76D	Coyote Wells, Calif.	Apr 58		FPS-14
P-77A	Ottawa, Okla.	Oct 57		FPS-14
P-77D	Winfield, Kans.	Apr 58		FPS-14
M-90A	Orla, Tex.	Sep 57		FPS-14
M-95A	El Paso, Tex.	Dec 57		FPS-14
M-95B	Columbus, N.M.	Dec 57		FPS-14

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
M-111B	Barnesville, Ga.	May 58		FPS-18
M-112A	Parris Is. MC, S.C.	Apr 58		FPS-14
M-112C	Alma, Ga.	Apr 58		FPS-14
M-113B	Georgetown, S.C.	May 58		FPS-14
M-115A	Myrtle Beach, S.C.	Feb 58		FPS-14
M-126A	New Orleans, La.	Oct 57		FPS-14
SM-162A	Tacna, Ariz.	May 58		FPS-14

(FPS-18s - 3; FPS-14s - 48)

Total Sites 51

64th Air Division Gap Filler Sites:

C-22B	Elliston Ridge AS, Nfld.	Jan 57		FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57		FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57		FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57		FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57		FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57		FPS-14(A)

TOTAL Sites 6

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N. J.	Mar 57	Jun 58	FPS-14
P-10A	Westboro, Mass.	Jun 57	Sep 58	FPS-14
P-10B	Fort Dearborn, N. H.	Jun 57	Sep 58	FPS-14
P-11A	Porthill, Idaho	May 58		FPS-14
P-11B	Eureka, Mont.	May 58		FPS-14
P-12A	Port Orford, Ore.	Nov 57		FPS-14
P-13A	Sedgwick, Me.	Sep 57		FPS-14
P-14C	Bangor, N. Y.	May 58		FPS-18
P-17A	Elbow Lake, Minn.	Nov 58		FPS-18
P-17B	Bagley, Minn.	Oct 58		FPS-18
P-19A	Norway, Mich.	Oct 58		FPS-18
P-20A	Burnside, Mich.	Jun 57		FPS-14
P-21A	Brockport, N. Y.	Aug 57	Dec 58	FPS-14
P-21B	Charlotte Center, N. Y.	Aug 57	Dec 58	FPS-14
P-24A	Browning, Mont.	Oct 57		FPS-14
P-24C	Sweetgrass, Mont.	Oct 57		FPS-14
P-25A	Galata, Mont.	Oct 57		FPS-14
P-25B	Hogeland, Mont.	Oct 57		FPS-14
P-26A	Whitewater, Mont.	Aug 57		FPS-14
P-26D	Whitetail, Mont.	Aug 57		FPS-14
P-28A	Niobe, N. D.	Oct 57		FPS-14
P-29A	Sheyenne, N. D.	Nov 57		FPS-14
P-29B	Grafton, N. D.	Nov 57		FPS-14
P-30E	Ulysses, Pa.	Jul 57	Dec 58	FPS-14
P-33A	Capetown, Calif.	Jan 58		FPS-14
P-34A	Petoskey, Mich.	Nov 57		FPS-14
P-35B	Northfield, Minn.	Nov 57		FPS-14
P-37A	Laytonville, Calif.	Feb 58		FPS-14
P-45A	Manorville, N. Y.	Jun 57	Jun 58	FPS-14
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14
P-47A	Ellsworth, Kans.	Jul 58		FPS-14
P-47B	Wilsey, Kans.	Dec 58		FPS-18
P-49A	Suttons Corner, N. Y.	Aug 57	Dec 58	FPS-14
P-49B	Oswegatchie, N.Y.	May 58	Dec 58	FPS-18
P-50A	New Preston, Conn.	Jun 57	Sep 58	FPS-14
P-50B	Andes, N. Y.	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	Jun 57	Sep 58	FPS-14
P-55B	Hermanville, Md.	Nov 57		FPS-14
P-55D	Hanover, Pa.	Nov 57		FPS-14
P-55F	Thomas, W. Va.	Feb 58		FPS-14
P-56A	Temperanceville, Va.	Sep 57		FPS-14
P-56B	Bethany Beach, Del.	Sep 57		FPS-14
P-56C	Elizabeth City, N. C.	Sep 57		FPS-14
P-60A	Ione, Wash.	Jul 58		FPS-14

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-62A	Thompson, Ohio	Sep 58		FPS-18
P-62B	Lewisville, Ohio	Aug 57		FPS-14
P-65A	Topsfield, Me.	Dec 58		FPS-18
P-67A	Midland, Mich.	Nov 57		FPS-14
P-67C	Saugatuck, Mich.	Jul 58		FPS-14
P-69C	Askov, Minn.	Oct 57		FPS-14
P-76A	Tecate, Calif.	Nov 57		FPS-14
P-76D	Coyote Wells, Calif.	Apr 58		FPS-14
P-77A	Ottawa, Okla.	Oct 57		FPS-14
P-77D	Winfield, Kans.	Apr 58		FPS-14
M-90A	Orla, Tex.	Sep 57		FPS-14
M-95A	El Paso, Tex.	Dec 57		FPS-14
M-95B	Columbus, N. M.	Dec 57		FPS-14
M-111B	Barnesville, Ga.	May 58		FPS-18
M-112A	Parris Is. MC, S. C.	Apr 58		FPS-14
M-112C	Alma, Ga.	Apr 58		FPS-14
M-113B	Georgetown, S. C.	May 58		FPS-14
M-115A	Myrtle Beach, S. C.	Feb 58		FPS-14
M-118A	Burns Junction, Ore.	Sep 58		FPS-18
M-126A	New Orleans, La.	Oct 57		FPS-14
M-127A	Quinn River Crossing, Nev	Dec 58		FPS-18
M-127B	Unionville, Nev.	Dec 58		FPS-18
M-129A	Wintergarden, Fla.	Dec 58		FPS-14
M-129B	Inverness, Fla.	Dec 58		FPS-14
SM-162A	Tacna, Ariz.	May 58		FPS-14

TOTAL AN/FPS-14, Short Range Search Radar Sites: 56

TOTAL AN/FPS-18, Short Range Search Radar Sites: 13

TOTAL SITES 69

64th AIR DIVISION GAP FILLER SITES:

C-22B	Elliston Ridge AS, Nfld.	Jan 57		FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57		FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57		FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57		FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57		FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57		FPS-14(A)

TOTAL AN/FPS-14(A) Short Range Search Radat Sites: 6

*GAP FILLERS - As of 30 June 1959

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N.J.	Mar 57	Jun 58	FPS-14
P-10A	Westboro, Mass.	Jun 57	Sep 58	FPS-14
P-10B	Fort Dearborn, N.H.	Jun 57	Sep 58	FPS-14
P-11A	Porthill, Idaho	May 58		FPS-14
P-11B	Eureka, Mont.	May 58		FPS-14
P-12A	Port Orford, Ore.	Nov 57		FPS-14
P-13A	Sedgwick, Me.	Sep 57	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N.Y.	Jan 59	Apr 59	FPS-18
P-14C	Bangor, N.Y.	May 58	Feb 59	FPS-18
P-17A	Elbow Lake, Minn.	Nov 58		FPS-18
P-17B	Bagley, Minn.	Oct 58		FPS-18
P-19A	Norway, Mich.	Oct 58		FPS-18
P-20A	Burnside, Mich.	Jun 57		FPS-14
P-20B	Enery, Mich.	Feb 59		FPS-18
P-21A	Brockport, NY	Aug 57	Dec 58	FPS-14
P-21B	Charlotte Center, N.Y.	Aug 57	Dec 58	FPS-14
P-24A	Browning, Mont.	Oct 57		FPS-14
P-24C	Sweetgrass, Mont.	Oct 57		FPS-14
P-25A	Galata, Mont.	Oct 57		FPS-14
P-25B	Hogeland, Mont.	Oct 57		FPS-14
P-26A	Whitewater, Mont.	Aug 57		FPS-14
P-26D	Whitetail, Mont.	Aug 57		FPS-14
P-28A	Niobe, N. D.	Oct 57		FPS-14
P-28D	Regan, N.D.	Jun 59		FPS-18
P-29A	Sheyenne, N. D.	Nov 57		FPS-14
P-29B	Grafton, N. D.	Nov 57		FPS-14
P-29C	Valley City, N. D.			FPS-18
P-29D	Middle River, Minn.	Apr 59		FPS-18
P-30E	Ulysses, Pa.	Jul 57	Dec 58	FPS-14
P-33A	Capetown, Calif.	Jan 58		FPS-14
P-34A	Petoskey, Mich.	Nov 57		FPS-14
P-35B	Northfield, Minn.	Nov 57		FPS-14
P-37A	Laytonville, Calif.	Feb 58		FPS-14
P-45A	Manorville, N. Y.	Jun 57	Jun 58	FPS-14
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14
P-47A	Ellsworth, Kans.	Jul 58		FPS-14
P-47B	Wilsey, Kans.	Dec 58		FPS-18
P-49A	Suttons Corner, N.Y.	Aug 57	Dec 58	FPS-14
P-49B	Oswegatchie, N.Y.	May 58	Dec 58	FPS-18
P-50A	New Preston, Conn.	Jun 57	Sep 58	FPS-14
P-50B	Andes, N.Y.		Dec 58	FPS-18
P-50E	New Salem, Mass.	Jun 57	Sep 58	FPS-14
P-55B	Hermanville, Md.	Nov 57	Jan 59	FPS-14
P-55D	Hanover, Pa.	Nov 57	Jan 59	FPS-14
P-55F	Thomas, W. Va.	Feb 58	Jan 59	FPS-14

*SOURCE: Sup Doc 3 (ADC ACW Status Rpt, 30 Jun 59) to Hist of ADC, Jan-Jun 1959.

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-56A	Temperanceville, Va.	Sep 57	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	Sep 57	Jan 59	FPS-14
P-56C	Elizabeth City, N. C.	Sep 57	Jan 59	FPS-14
P-59A	Shafter, Calif.	Feb 59		FPS-18
P-60A	Ione, Wash.	Jul 58		FPS-14
P-62A	Thompson, Ohio	Sep 58		FPS-18
P-62B	Lewisville, Ohio	Aug 57		FPS-14
P-65A	Topsfield, Me.	Dec 58	Apr 59	FPS-18
P-67A	Midland, Mich.	Nov 57		FPS-14
P-67C	Saugatuck, Mich.	Jul 58		FPS-14
P-67D	Shelby, Mich.			FPS-18
P-69C	Askov, Minn.	Oct 57		FPS-14
P-72A	Garland, Kans.	Jun 59		FPS-18
P-76A	Tecate, Calif.	Nov 57		FPS-14
P-76D	Coyote Wells, Calif.	Apr 58		FPS-14
P-77A	Ottawa, Okla.	Oct 57		FPS-14
P-77D	Winfield, Kans.	Apr 58		FPS-14
P-80B	Bridgewater, Me.	Mar 59	Apr 59	FPS-18
M-90A	Orla, Tex.	Sep 57		FPS-14
M-95A	El Paso, Tex.	Dec 57		FPS-14
M-95B	Columbus, N.M.	Dec 57		FPS-14
M-111B	Barnesville, Ga.	May 58		FPS-18
M-112A	Parris Is. MC, S.C.	Apr 58		FPS-14
M-112C	Alma, Ga.	Apr 58		FPS-14
M-113B	Georgetown, S. C.	May 58		FPS-14
M-115A	Myrtle Beach, S. C.	Feb 58		FPS-14
M-116B	Englehard, N. C.	Feb 59		FPS-14
M-116C	Hollyridge, N. C.	Feb 59		FPS-14
M-118A	Burns Junction, Ore.	Sep 58		FPS-18
M-126A	New Orleans, La.	Oct 57		FPS-14
M-127A	Quinn River Crossing, Nev	Dec 58		FPS-18
M-127B	Unionville, Nev.	Dec 58		FPS-18
M-129A	Wintergarden, Fla.	Dec 58		FPS-14
M-129B	Inverness, Fla.	Dec 58		FPS-14
SM-150A	Waha, Idaho	Mar 59		FPS-18
SM-156A	Gabbs, Nev.	Jan 59		FPS-18
SM-162A	Tacna, Ariz.	May 58		FPS-14
SM-162C	Stone Cabin, Ariz.	Feb 59		FPS-18

FPS-14's - 58; FPS-18's - 25; TOTAL Sites - 83

64th Air Division Gap Filler Sites:

C-22B	Elliston Ridge AS, Nfld.	Jan 57		FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57		FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57		FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57		FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57		FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57		FPS-14(A)

Total Sites - 6

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-9A	Gibbsboro, N. J.	Mar 57	Jun 58	FPS-14
P-10A	Westboro, Mass.	Jun 57	Sep 58	FPS-14
P-10B	Fort Dearborn, N.H.	Jun 57	Sep 58	FPS-14
P-11A	Porthill, Idaho	May 58		FPS-14
P-11B	Eureka, Mont.	May 58		FPS-14
P-12A	Port Orford, Ore.	Nov 57		FPS-14
P-13A	Sedgwick, Me.	Sep 57	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N. Y.	Jan 59	Apr 59	FPS-18
P-14C	Bangor, N. Y.	May 58	Feb 59	FPS-18
P-17A	Elbow Lake, Minn.	Nov 58	Dec 59	FPS-18
P-17B	Bagley, Minn.	Oct 58	Dec 59	FPS-18
P-19A	Norway, Mich.	Oct 58		FPS-18
P-19B	Two Creeks, Wisc.	Aug 59		FPS-18
P-20A	Burnside, Mich.	Jun 57	Aug 59	FPS-14
P-20B	Enery, Mich.	Feb 59	Aug 59	FPS-18
P-21A	Brockport, N. Y.	Aug 57	Dec 58	FPS-14
P-21B	Charlotte Center, N.Y.	Aug 57	Dec 58	FPS-14
P-24A	Browning, Mont.	Oct 57		FPS-14
P-24C	Sweetgrass, Mont.	Oct 57		FPS-14
P-25A	Galata, Mont.	Oct 57		FPS-14
P-25B	Hogeland, Mont.	Oct 57		FPS-14
P-26A	Whitewater, Mont.	Aug 57		FPS-14
P-26D	Whitetail, Mont.	Aug 57		FPS-14
P-28A	Niobe, N.D.	Oct 57		FPS-14
P-28D	Regan, N.D.	Jun 59		FPS-18
P-29A	Sheyenne, N.D.	Nov 57	Dec 59	FPS-14
P-29B	Grafton, N.D.	Nov 57	Dec 59	FPS-14
P-29C	Valley City, N.D.	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	Apr 59	Dec 59	FPS-18
P-30E	Ulysses, Pa.	Jul 57	Dec 58	FPS-14
P-33A	Capetown, Calif.	Jan 58		FPS-14
P-34A	Petoskey, Mich.	Nov 57		FPS-14
P-35B	Northfield, Minn.	Nov 57	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	Jul 59	Nov 59	FPS-18
P-37A	Laytonville, Calif.	Feb 58		FPS-14
P-45A	Manorville, N. Y.	Jun 57	Jun 58	FPS-14
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14
P-47A	Ellsworth, Kans.	Jul 58		FPS-14
P-47B	Wilsey, Kans.	Dec 58		FPS-18
P-49A	Suttons Corner, N. Y.	Aug 57	Dec 58	FPS-14
P-49B	Oswegatchie, N. Y.	May 58	Dec 58	FPS-18

* SOURCE: Sup Doc 6 (ADC ACW Status Rpt, 31 Dec 59) to Hist of ADC, Jul-Dec 1959.

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-50A	New Preston, Conn.	Jun 57	Sep 58	FPS-14
P-50B	Andes, N. Y.	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	Jun 57	Sep 58	FPS-14
P-55B	Hermanville, Md.	Nov 57	Jan 59	FPS-14
P-55D	Hanover, Pa.	Nov 57	Jan 59	FPS-14
P-55F	Thomas, W. Va.	Feb 58	Jan 59	FPS-14
P-56A	Temperanceville, Va.	Sep 57	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	Sep 57	Jan 59	FPS-14
P-56C	Elizabeth City, N.C.	Sep 57	Jan 59	FPS-14
P-59A	Shafter, Calif.	Feb 59		FPS-18
P-60A	Ione, Wash.	Jul 58		FPS-14
P-62A	Thompson, Ohio	Sep 58	Aug 59	FPS-18
P-62B	Lewisville, Ohio	Aug 57	Aug 59	FPS-14
P-64A	Washington, Iowa	Jul 59	Oct 59	FPS-18
P-65A	Topsfield, Me.	Dec 58	Apr 59	FPS-18
P-67A	Midland, Mich.	Nov 57	Aug 59	FPS-14
P-67C	Saugatuck, Mich.	Jul 58	Aug 59	FPS-14
P-67D	Shelby, Mich.	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	---	Nov 59	FPS-18
P-69C	Askov, Minn.	Oct 57	Nov 59	FPS-14
P-70C	Vichy, Mo.	Aug 59		FPS-18
P-72A	Garland, Kans.	Jun 59		FPS-18
P-76A	Tecate, Calif.	Nov 57		FPS-14
P-76D	Coyote Wells, Calif.	Apr 58		FPS-14
P-77A	Ottawa, Okla.	Oct 57		FPS-14
P-77D	Winfield, Kans.	Apr 58		FPS-14
P-80B	Bridgewater, Me.	Mar 59	Apr 59	FPS-18
P-81C	La Crescent, Minn.	Nov 59		FPS-18
P-82D	Madisonville, Ky.	Jul 59		FPS-18
M-90A	Orla, Tex.	Sep 57	---	FPS-14
M-95A	El Paso, Tex.	Dec 57	---	FPS-14
M-95B	Columbus, N. M.	Dec 57	---	FPS-14
M-98A	Glendive, Mont.	Sep 59		FPS-18
M-98B	Brockway, Mont.	Sep 59		FPS-18
M-100A	Washougal, Wash.			FPS-18
M-111B	Barnesville, Ga.	May 58		FPS-18
M-111E	Elberton, Ga.	Dec 59		FPS-18
M-112A	Parris Is. MC, S.C.	Apr 58		FPS-14
M-112C	Alma, Ga.	Apr 58		FPS-14
M-113A	Statesburg, S. C.	Aug 59		FPS-18
M-113B	Georgetwon, S. C.	May 58		FPS-14
M-115A	Myrtle Beach, S. C.	Feb 58		FPS-14
M-115B	Fort Bragg, N. C.	Aug 59		FPS-18
M-116B	Englehard, N. C.	Feb 59		FPS-14
M-116C	Hollyride, N. C.	Feb 59		FPS-14
M-118A	Burns Junction, Ore.	Sep 58		FPS-18

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
M-126A	New Orleans, La.	Oct 57		FPS-14
M-127A	Quinn River Crossing, Nev	Dec 58		FPS-18
M-127B	Unionville, Nev.	Dec 58		FPS-18
M-129A	Wintergarden, Fla.	Dec 58		FPS-14
M-129B	Inverness, Fla.	Dec 58		FPS-14
SM-132A	Big Falls, Minn.	---	Nov 59	FPS-18
SM-145A	Bradyville, Tenn.	Aug 59		FPS-18
SM-150A	Waha, Idaho	Mar 59		FPS-18
SM-156A	Gabbs, Nev.	Jan 59		FPS-18
SM-162A	Tacna, Ariz.	May 58		FPS-14
SM-162C	Stone Cabin, Ariz.	Feb 59		FPS-18
SM-163A	Boulder City, Nev.	Oct 59		FPS-18
SM-163B	Latarop Wells, Nev.	Aug 59		FPS-18
TM-180A	Yreka, Calif.	Sep 59		FPS-18
TM-181B	Covered Wells, Ariz.	Dec 59		FPS-18
TM-188A	Carrizo Springs, Tex.	Oct 59		FPS-18
TM-189B	Laredo, Tex.	Oct 59		FPS-18
TM-191A	Riviera, Tex.	Aug 59		FPS-18
TM-198A	Carrabelle, Fla.	Oct 59		FPS-14
TM-198B	Eglin AFB, Fla.	Oct 59		FPS-14
TM-200B	Bridgeboro, Ga.	Oct 59		FPS-18

Total AN/FPS-14 Short Range Search Radar Sites: 60

Total AN/FPS-18 Short Range Search Radar Sites: 48

TOTAL SITES 108

64th AIR DIV GAP FILLER SITES - 31 Dec 1959:

C-22B	Elliston Ridge AS, Nfld.	Jan 57		FPS-14(A)
C-26A	Fox Harbour, Labr.	Feb 57		FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57		FPS-14(A)
C-27A	Cut Throat Is., Labr.	Mar 57		FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57		FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57		FPS-14(A)

TOTAL AN/FPS-14(A) Radar Sites: 6

GAP FILLERS - As of 30 June 1960

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<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitation</u>
P-2A	Lockwood, Calif.	Feb 60		FPS-18	
P-9A	Gibbsboro, N. J.	Mar 57	Jun 58	FPS-14	
P-10A	Westboro, Mass.	Jun 57	Sep 58	FPS-14	
P-10B	Fort Dearborn, N.H.	Jun 57	Sep 58	FPS-14	
P-12A	Port Orford, Ore.	Nov 57	Jun 60	FPS-14	
P-12B	Disston, Ore.	---	Jun 60	FPS-18	
P-12C	Placer, Ore.	---	Jun 60	FPS-18	S
P-13A	Sedgwick, Me.	Sep 57	Feb 59	FPS-14	
P-14B	Blue Mtn. Lake, N.Y.	Jan 59	Apr 59	FPS-18	
P-14C	Bangor, N. Y.	May 58	Feb 59	FPS-18	
P-16A	Painesdale, Mich.	---	Jun 60	FPS-18	
P-17A	Elbow Lake, Minn.	Nov 58	Dec 59	FPS-18	S-2
P-17B	Bagley, Minn.	Oct 58	Dec 59	FPS-18	S-2
P-19A	Norway, Mich.	Oct 58	Jun 60	FPS-18	
P-19B	Two Creeks, Wisc.	Aug 59	Jun 60	FPS-18	
P-19C	Brooks, Wisc.	---	May 60	FPS-18	
P-20A	Burnside, Mich.	Jun 57	Aug 59	FPS-14	
P-20B	Enery, Mich.	Feb 59	Aug 59	FPS-18	
P-21A	Brockport, N. Y.	Aug 57	Dec 58	FPS-14	
P-21B	Charlotte Center, N.Y.	Aug 57	Dec 58	FPS-14	
P-24A	Browning, Mont.	Oct 57		FPS-14	
P-24C	Sweetgrass, Mont.	Oct 57		FPS-14	
P-25A	Galata, Mont.	Oct 57		FPS-14	L-3

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitation</u>
P-25B	Hogeland, Mont.	Oct 57		FPS-14	L-3
P-26A	Whitewater, Mont.	Aug 57		FPS-14	S-2
P-26D	Whitetail, Mont.	Aug 57		FPS-14	S-2
P-28A	Niobe, N. D.	Oct 57		FPS-14	
P-28D	Regan, N. D.	Jun 59		FPS-18	
P-29A	Sheyenne, N. D.	Nov 57	Dec 59	FPS-14	
P-29B	Grafton, N. D.	Nov 57	Dec 59	FPS-14	
P-29C	Valley City, N. D.	---	Dec 59	FPS-18	
P-29D	Middle River, Minn.	Apr 59	Dec 59	FPS-18	
P-30E	Ulysses, Pa.	Jul 57	Dec 58	FPS-14	
P-33A	Capetown, Calif.	Jan 58	Jun 60	FPS-14	
P-34A	Petoskey, Mich.	Nov 57	Jun 60	FPS-14	
P-34E	Alpena, Mich.	---	Jun 60	FPS-18	
P-35B	Northfield, Minn.	Nov 57	Nov 59	FPS-14	
P-35C	Jim Falls, Wisc.	Jul 59	Nov 59	FPS-18	
P-37A	Laytonville, Calif.	Feb 58		FPS-14	
P-45A	Manorville, N. Y.	Jun 57	Jun 58	FPS-14	
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14	
P-47A	Ellsworth, Kans.	Jul 58		FPS-14	
P-47B	Wilsey, Kans.	Dec 58		FPS-18	
P-49A	Suttons Corner, N.Y.	Aug 57	Dec 58	FPS-14	
P-49B	Oswegatchie, N. Y.	May 58	Dec 58	FPS-18	
P-50A	New Preston, Conn.	Jun 57	Sep 58	FPS-14	

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitation</u>
P-50B	Andes, N. Y.	---	Dec 58	FPS-18	
P-50E	New Salem, Mass.	Jun 57	Sep 58	FPS-14	
P-55B	Hermanville, Md.	Nov 57	Jan 59	FPS-14	
P-55D	Hanover, Pa.	Nov 57	Jan 59	FPS-14	
P-55F	Thomas, W. Va.	Feb 58	Jan 59	FPS-14	
P-56A	Temperanceville, Va.	Sep 57	Jan 59	FPS-14	
P-56B	Bethany Beach, Del.	Sep 57	Jan 59	FPS-14	
P-56C	Elizabeth City, N.C.	Sep 57	Jan 59	FPS-14	
P-59A	Shafter, Calif.	Feb 59		FPS-18	
P-60A	Ione, Wash.	Jul 58		FPS-14	L-2
P-60C	Curlew, Wash.	---	Apr 60	FPS-18	L-2
RP-62A	Thompson, Ohio	Sep 58	Aug 59	FPS-18	
RP-62B	Lewisville, Ohio	Aug 57	Aug 59	FPS-14	
P-64A	Washington, Iowa	Jul 59	Oct 59	FPS-18	L-2
P-65A	Topsfield, Me.	Dec 58	Apr 59	FPS-18	
P-66A	Grand Marais, Mich.	Feb 60	Jun 60	FPS-18	
P-67A	Midland, Mich.	Nov 57	Aug 59	FPS-14	
P-67B	Richland Center, Ind.	Feb 60	Mar 60	FPS-18	S
P-67C	Saugatuck, Mich.	Jul 58	Aug 59	FPS-14	
P-67D	Shelby, Mich.	---	Aug 59	FPS-18	S
P-69B	Upton, Wisc.	---	Nov 59	FPS-18	
P-69C	Askov, Minn.	Oct 57	Nov 59	FPS-14	
P-70C	Vichy, Mo.	Aug 59		FPS-18	

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitations</u>
P-72A	Garland, Kans.	Jun 59		FPS-18	L
P-75A	Mason, Tex.	May 60	---	FPS-18	S-2
P-76A	Tecate, Calif.	Nov 57		FPS-14	
P-76D	Coyote Wells, Calif.	Apr 58		FPS-14	
P-77A	Ottawa, Okla.	Oct 57		FPS-14	
P-77D	Winfield, Kans.	Apr 58		FPS-14	
P-79A	Fannett, Tex.	Apr 60	---	FPS-14	S-2
P-79B	Van Vleck, Tex.	Apr 60	---	FPS-14	S-2
P-80B	Bridgewater, Me.	Mar 59	Apr 59	FPS-18	
P-81A	Dallas Center, Iowa	---	May 60	FPS-18	
P-81B	La Motte, Iowa	---	Jun 60	FPS-18	
P-81C	La Crescent, Minn.	Nov 59	Jan 60	FPS-18	
P-82D	Madisonville, Ky.	Jul 59		FPS-18	
M-89B	Big Springs, Tex.	May 60	---	FPS-18	L
M-89E	Sidney, Tex.	May 60	---	FPS-18	L
M-90A	Orla, Tex.	Sep 57	---	FPS-14	
M-95A	El Paso, Tex.	Dec 57	---	FPS-14	
M-95B	Columbus, N. M.	Dec 57	---	FPS-14	
M-98A	Glendive, Mont.	Sep 59		FPS-18	
M-98B	Brockway, Mont.	Sep 59		FPS-18	
M-100A	Washougal, Wash.	---	Jun 60	FPS-18	
M-100B	Philomath, Ore.	---	Jun 60	FPS-18	
M-111B	Barnesville, Ga.	May 58		FPS-18	

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitations</u>
M-111E	Elberton, Ga.	Dec 59		FPS-18	S
M-112A	Parris Is. MC, S.C.	Apr 58		FPS-14	
M-112C	Alma, Ga.	Apr 58		FPS-14	
M-113A	Statesburg, S.C.	Aug 59		FPS-18	
M-113B	Georgetown, S.C.	May 58		FPS-14	
M-114B	Blythe Island, Ga.	Mar 60		FPS-18	S
M-115A	Myrtle Beach, S. C.	Feb 58		FPS-14	
M-115B	Fort Bragg, N.C.	Aug 59		FPS-18	
M-116B	Englehard, N. C.	Feb 59		FPS-14	
M-116C	Hollyridge, N. C.	Feb 59		FPS-14	
M-118A	Burns Junction, Ore.	Sep 58		FPS-18	
M-125A	Delhi, La.	Jun 60		FPS-18	S-2
M-126A	New Orleans, La.	Oct 57		FPS-14	
M-127A	Quinn River Crossing, Nev.	Dec 58		FPS-18	L-1
M-127B	Unionville, Nev.	Dec 58		FPS-18	L-1
M-129A	Wintergarden, Fla.	Dec 58		FPS-14	
M-129B	Inverness, Fla.	Dec 58		FPS-14	
SM-132A	Big Falls, Minn.	---	Nov 59	FPS-18	
SM-145A	Bradyville, Tenn.	Aug 59		FPS-18	
SM-151D	Moyie Springs, Idaho	Mar 60		FPS-18	L-2
SM-156A	Gabbs, Nev.	Jan 59		FPS-18	
SM-157A	Janesville, Calif.	---	Jun 60	FPS-18	S
SM-157C	Hayfork, Calif.	---	Jun 60	FPS-18	S

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>	<u>Operational Limitations</u>
SM-162A	Tacna, Ariz.	May 58		FPS-14	
SM-162C	Stone Cabin, Ariz.	Feb 59		FPS-18	
SM-163A	Boulder City, Nev.	Oct 59		FPS-18	
SM-163B	Latarop Wells, Nev.	Aug 59		FPS-18	S
TM-177C	McIntosh, S. D.	Feb 60		FPS-18	S
TM-180A	Yreka, Calif.	Sep 59	Jun 60	FPS-18	L-2
TM-181B	Covered Wells, Ariz.	Dec 59		FPS-18	S-2
TM-187B	Comstock, Tex.	Feb 60	---	FPS-18	
TM-188A	Carrizo Springs, Tex.	Oct 59	---	FPS-18	
TM-189A	Delmita, Tex.	Apr 60	---	FPS-18	
TM-189B	Laredo, Tex.	Oct 59	---	FPS-18	
TM-191A	Riviera, Tex.	Aug 59	---	FPS-18	
TM-192B	Schulenberg, Tex.	Apr 60	---	FPS-18	
TM-194A	Weeks Island, La.	Feb 60	---	FPS-14	S-2
TM-198A	Carrabelle, Fla.	Oct 59	Apr 60	FPS-14	
TM-198B	Eglin AFB, Fla.	Oct 59	Apr 60	FPS-14	

Total AN/FPS-14, Short Range Search (Gap Filler) Radars: 61

Total AN/FPS-18, Short Range Search (Gap Filler) Radars: 70

TOTAL sites..... 131

Operational Limitations Legend

S - SUSTAINED OPERATIONAL - The site is integrated into air defense or tactical control system and minimum personnel and equipment are on hand to allow continuous operation.

- L - LIMITED OPERATIONAL - The site is integrated into the air defense or tactical control system but due to shortages of personnel and/or equipment cannot be operated continuously. The site can operate for a minimum of 24 hours on an emergency basis.

Numerical Suffix to Operational Limitations

1. Construction is major reason for current status.
2. Lack of personnel or insufficient trained personnel.
3. Lack of equipment and/or installation delay.

Abbreviations

P	Permanent Site
RP	Relocated Permanent Site
M	1st Phase Semi-Mobile Radar Program
SM	2nd Phase Semi-Mobile Radar Program
TM	3rd Phase Semi-Mobile Radar Program

* Source: RCS: AF-V20 Report, 30 Jun 1960, Hq ADC
(Supporting Document No. 7, Volume IV, to Hist of ADC,
Jan-Jun 1960).

64th Air Div GAP FILLER SITES - 30 Jun 1960

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
C-22B	Elliston Ridge AS, Nfld.	Jan 57	---	FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57	---	FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57	---	FPS-14(A)
C-27A	Cut Throat Island, Labr.	Mar 57	---	FPS-14(A)
C-27B	Spotted Isle, Labr.	Nov 57	---	FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57	---	FPS-14(A)

Total AN/FPS-14(A), Short Range Search (Gap Filler)
Radars: 6

TOTAL sites 6

GAP FILLERS - As of 31 Dec 1960

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<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-2A	Lockwood, Calif.	Feb 60		FPS-18
P-10A	Westboro, Mass.	Jun 57	Sep 58	FPS-14
P-10B	Fort Dearborn, N.H.	Jun 57	Sep 58	FPS-14
P-12A	Port Orford, Ore.	Nov 57	Jun 60	FPS-14
P-13A	Sedgwick, Me.	Sep 57	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N.Y.	Jan 59	Apr 59	FPS-18
P-14C	Bangor, N.Y.	May 58	Feb 59	FPS-18
P-16A	Painesdale, Mich.	---	Jun 60	FPS-18
P-17A	Elbow Lake, Minn.	Nov 58	Dec 59	FPS-18
P-17B	Bagley, Minn.	Oct 58	Dec 59	FPS-18
P-19A	Norway, Mich.	Oct 58	Jun 60	FPS-18
P-19B	Two Creeks, Wisc.	Aug 59	Jun 60	FPS-18
P-19C	Brooks, Wisc.	---	May 60	FPS-18
P-20A	Burnside, Mich.	Jun 57	Aug 59	FPS-14
P-20B	Enery, Mich.	Feb 59	Aug 59	FPS-18
P-20C	Marblehead, Ohio		Aug 60	FPS-18
P-21A	Brockport, N.Y.	Aug 57	Dec 58	FPS-14
P-21B	Charlotte Center, N.Y.	Aug 57	Dec 58	FPS-14
P-26A	Whitewater, Mont.	Aug 57		FPS-14
P-26D	Whitetail, Mont.	Aug 57		FPS-14
P-29A	Sheyenne, N. D.	Nov 57	Dec 59	FPS-14
P-29B	Grafton, N. D.	Nov 57	Dec 59	FPS-14
P-29C	Valley City, N. D.	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	Apr 59	Dec 59	FPS-18
P-30E	Ulysses, Pa.	Jul 57	Dec 58	FPS-14
P-33A	Capetown, Calif.	Jan 58	Jun 60	FPS-14
P-34A	Petoskey, Mich.	Nov 57	Jun 60	FPS-14
P-34E	Alpena, Mich.	---	Jun 60	FPS-18
P-35B	Northfield, Minn.	Nov 57	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	Jul 59	Nov 59	FPS-18
P-37A	Laytonville, Calif.	Feb 58		FPS-14
P-40C	Okanogan, Wash.	---	Dec 60	FPS-18
P-45A	Manorville, N. Y.	Jun 57	Jun 58	FPS-14
P-45B	Chilmark, Mass.	Jun 57	Jun 58	FPS-14
P-47A	Ellsworth, Kans.	Jul 58		FPS-14
P-47B	Wilsey, Kans.	Dec 58		FPS-18
P-49A	Suttons Corner, N.Y.	Aug 57	Dec 58	FPS-14
P-49B	Oswegatchie, N. Y.	May 58	Dec 58	FPS-18
P-50A	New Preston, Conn.	Jun 57	Sep 58	FPS-14
P-50B	Andes, N. Y.	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	Jun 57	Sep 58	FPS-14
P-55B	Hermanville, Md.	Nov 57	Jan 59	FPS-14
P-55F	Thomas, W. Va.	Feb 58	Jan 59	FPS-14
P-56A	Temperanceville, Va.	Sep 57	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	Sep 57	Jan 59	FPS-14

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-56C	Elizabeth City, N.C.	Sep 57	Jan 59	FPS-14
P-59A	Shafter, Calif.	Feb 59		FPS-18
P-59C	Joshua Tree, Calif.	Sep 60	Dec 60	FPS-18
RP-62A	Thompson, Ohio		Aug 59	FPS-18
RP-62B	Lewisville, Ohio		Aug 59	FPS-14
P-64A	Washington, Iowa	Jul 59	Oct 59	FPS-18
P-65A	Topsfield, Me.	Dec 58	Apr 59	FPS-18
P-66A	Grand Marais, Mich.	Feb 60	Jun 60	FPS-18
P-67A	Midland, Mich.	Nov 57	Aug 59	FPS-14
P-67B	Richland Center, Ind.	Feb 60	Mar 60	FPS-18
P-67C	Saugatuck, Mich.	Jul 58	Aug 59	FPS-14
P-67D	Shelby, Mich.	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	---	Nov 59	FPS-18
P-69C	Askov, Minn.	Oct 57	Nov 59	FPS-14
P-69D	Aurora, Minn.	---	Dec 60	FPS-18
P-76A	Tecate, Calif.	Nov 57		FPS-14
P-80B	Bridgewater, Me.	Mar 59	Apr 59	FPS-18
P-81A	Dallas Center, Iowa	---	May 60	FPS-18
P-81B	La Motte, Iowa	---	Jun 60	FPS-18
P-81C	La Crescent, Minn.	Nov 59	Jan 60	FPS-18
M-93A	Mingus Mountain, Ariz.	Sep 60	---	FPS-18
M-111B	Barnesville, Ga.	May 58		FPS-18
M-111E	Elberton, Ga.	Dec 59		FPS-18
M-112A	Parris Is. MC, S.C.	Apr 58		FPS-14
M-112C	Alma, Ga.	Apr 58		FPS-14
M-113A	Statesburg, S.C.	Aug 59		FPS-18
M-113B	Georgetown, S. C.	May 58		FPS-14
M-114A	Bunnell, Fla.	Oct 60	---	FPS-18
M-114B	Blythe Island, Ga.	Mar 60		FPS-18
M-115A	Myrtle Beach, S. C.	Feb 58		FPS-14
M-115B	Fort Bragg, N. C.	Aug 59		FPS-18
M-116B	Englehard, N. C.	Feb 59		FPS-14
M-116C	Hollyridge, N. C.	Feb 59		FPS-14
M-126A	New Orleans, La.	Oct 57		FPS-14
SM-132A	Big Falls, Minn.	---	Nov 59	FPS-18
TM-177B	Alexander, N. D.	Dec 60	---	FPS-18
TM-198A	Carrabelle, Fla.	Oct 59	Apr 60	FPS-14
TM-198B	Eglin AFB, Fla.	Oct 59	Apr 60	FPS-14

Total AN/FPS-14, Short Range Search Radars: 41

Total AN/FPS-18, Short Range Search Radars: 43

TOTAL SITES 84

64th AIR DIV GAP FILLER SITES - 31 Dec 1960

<u>Site No.</u>	<u>Location</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
C-22B	Elliston Ridge AS, Nfld.	Jan 57	---	FPS-14(A)
C-26A	Fox Harbor, Labr.	Feb 57	---	FPS-14(A)
C-26B	La Scie, Nfld.	Feb 57	---	FPS-14(A)
C-27A	Cut Throat Isl., Labr.	Mar 57	---	FPS-14(A)
C-27B	Spotted Isl., Labr.	Nov 57	---	FPS-14(A)
C-28A	Cape Makkovik, Labr.	Jan 57	---	FPS-14(A)
TOTAL AN/FPS-14A, Short Range Search Radars:				6
TOTAL sites				6

*GAP FILLERS - As of 30 June 1961

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-10A	Westboro, Mass.	762	---	Sep 58	FPS-14
P-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
P-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
P-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
P-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
P-14B	Blue Mtn Lake, N.Y.	764	---	Apr 59	FPS-18
P-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
P-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
P-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
P-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
P-19A	Norway, Mich.	676	---	Jun 60	FPS-18
P-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
P-19C	Brooks, Wisc.	676	---	May 60	FPS-18
P-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
P-20B	Emery, Mich.	661	---	Aug 59	FPS-18
P-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
P-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
P-21B	Charlotte Center, N.Y.	763	---	Dec 58	FPS-14
P-29A	Sheyenne, N. Dak.	785	---	Dec 59	FPS-14
P-29B	Grafton, N. Dak.	785	---	Dec 59	FPS-14
P-29C	Valley City, N. Dak.	785	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
P-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
RP-31D	Monee, Ill.	755	Apr 61		FPS-18
P-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
P-34A	Petosky, Mich.	752	---	Jun 60	FPS-14
P-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
P-35B	Northfield, Minn.	674	---	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
P-37A	Laytonville, Calif.	776	---	Dec 60	FPS-14
P-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
P-45A	Manorville, N. Y.	773	---	Jun 58	FPS-14
P-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
P-49B	Oswegatchie, N. Y.	655	---	Dec 58	FPS-18
P-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
P-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
P-55B	Hermanville, Md.	647	---	Jan 59	FPS-14
P-55F	Thomas, W. Va.	647	---	Jan 59	FPS-14
P-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
P-56C	Elizabeth City, N.C.	771	---	Jan 59	FPS-14
RP-62A	Thompson, Ohio	662	Apr 61	Aug 59	FPS-18
RP-62B	Lewisville, Ohio	662	---	Aug 59	FPS-14

*ADC Control & Warning Equipment Report, RCS: ADC-V20, 30 Jun 61 (Sup Doc 33 to Hist of ADC, Jan-Jun 61).

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-64A	Washington, Iowa	790	---	Oct 59	FPS-18
P-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
P-66A	Grand Morais, Mich.	753	---	Jun 60	FPS-18
P-67A	Midland, Mich.	781	---	Aug 59	FPS-14
P-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
P-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-14
P-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
P-69C	Askov, Minn.	756	---	Nov 59	FPS-14
P-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
P-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
P-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
P-81C	La Crescent, Minn.	788	---	Jan 60	FPS-18
M-111B	Barnesville, Ga.	908	May 58		FPS-18
M-111E	Elberton, Ga.	908	Dec 59		FPS-18
M-112A	Parris Is.MC, S.C.	702	Apr 58		FPS-14
M-112C	Alma, Ga.	702	Apr 58		FPS-14
M-113A	Statesburg, S. C.	792	Aug 59		FPS-18
M-113B	Georgetown, S. C.	792	May 58		FPS-14
M-114A	Bunnell, Fla.	679	Oct 60		FPS-18
M-114B	Blythe Island, Ga.	679	Mar 60		FPS-18
M-115A	Myrtle Beach, S. C.	701	Feb 58		FPS-14
M-115B	Fort Bragg, N. C.	701	Aug 59		FPS-18
M-116B	Englehard, N. C.	614	Feb 59		FPS-14
M-116C	Hollyridge, N. C.	614	Feb 59		FPS-14
M-126A	New Orleans, La.	657	---	Feb 61	FPS-14
M-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
SM-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
TM-177B	Alexander, N. D.	706	---	Jun 61	FPS-18
TM-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-14
TM-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
TM-200A	Perry, Fla.	691	---	Apr 61	FPS-18

AN/FPS-14's - 38

AN/FPS-18's - 38

TOTAL SITES 76

64th Air Division Gap Fillers: The six manual gap fillers in the Goose ADS, C-22B, C-26A, C-26B, C-27A, C-27B and C-28A, were decommissioned 30 June 1961.

*GAP FILLERS - As of 31 December 1961

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-10A	Westboro, Mass.	762	---	Sep 58	FPS-14
P-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
P-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
P-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
P-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N.Y.	764	---	Apr 59	FPS-18
P-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
P-16A	Pinesdale, Mich.	665	---	Jun 60	FPS-18
P-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
P-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
P-19A	Norway, Mich.	676	---	Jun 60	FPS-18
P-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
P-19C	Brooks, Wisc.	676	---	May 60	FPS-18
P-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
P-20B	Emery, Mich.	661	---	Aug 59	FPS-18
P-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
P-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
P-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
P-26A	Whitewater, Mont.	779	---	Jun 61	FPS-14
P-26D	Whitetail, Mont.	779	---	Jun 61	FPS-14
P-28A	Niobe, N. D.	786	Oct 57	Dec 61	FPS-14
P-28D	Regan, N. D.	786	Jun 59	Dec 61	FPS-18
P-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
P-29B	Grafton, N. D.	785	---	Dec 59	FPS-14
P-29C	Valley City, N. D.	785	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
P-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
P-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
P-34A	Petosky, Mich.	752	---	Jun 60	FPS-14
P-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
P-35B	Northfield, Minn.	674	---	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
P-37A	Laytonville, Calif.	776	---	Dec 60	FPS-14
P-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
P-45A	Manorville, N. Y.	773	---	Jun 58	FPS-14
P-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
P-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
P-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
P-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
P-55B	Hermanville, Md.	647	---	Jan 59	FPS-14
P-55F	Thomas, W. Va.	647	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: AF-V20, 31 Dec 61 (Sup Doc 1 to ADC History, Jul-Dec 61.)

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
RP-62A	Thompson, Ohio	662	Apr 61	Aug 59	FPS-18
RP-62B	Lewisville, Ohio	662	---	Aug 59	FPS-14
P-64A	Washington, Iowa	790	---	Oct 59	FPS-18
P-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
P-66A	Grand Morais, Mich.	753	---	Jun 60	FPS-18
P-67A	Midland, Mich.	781	---	Aug 59	FPS-14
P-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
P-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-14
P-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
P-69C	Askov, Minn.	756	---	Nov 59	FPS-14
P-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
P-70C	Vichy, Mo.	798	Aug 59		FPS-18
P-79A	Fannett, Tex.	747	Apr 60	---	FPS-14
P-79B	Van Vleck, Tex.	747	Apr 60	---	FPS-14
P-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
P-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
P-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
P-81C	La Crescent, Minn.	788	---	Jan 60	FPS-18
M-95A	El Paso, Tex.	685	Dec 57	---	FPS-14
M-111B	Barnesville, Ga.	908	May 58		FPS-18
M-111E	Elberton, Ga.	908	Dec 59		FPS-18
M-112C	Alma, Ga.	702	Apr 58		FPS-14
M-113A	Statesburg, S. C.	792	Aug 59		FPS-18
M-113B	Georgetown, S. C.	792	May 58		FPS-14
M-114A	Bunnell, Fla.	679	Oct 60		FPS-18
M-114B	Blythe Isl., Ga.	679	Mar 60		FPS-18
M-115A	Myrtle Beach, S. C.	701	Feb 58		FPS-14
M-115B	Fort Bragg, N.C.	701	Aug 59		FPS-18
M-116B	Englehard, N.C.	614	Feb 59		FPS-14
M-116C	Hollyridge, N. C.	614	Feb 59		FPS-14
M-117B	Elizabeth City, N.C.	771		Jan 59	FPS-14
M-125C	Weeks Isl., La.	653	Feb 60	---	FPS-14
M-125D	Lake Charles, La.	653	Dec 61		FPS-18
M-129A	Wintergarden, Fla.	660		Aug 61	FPS-14
M-126A	New Orleans, La.	657	---	Feb 61	FPS-14
M-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
SM-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
TM-177B	Alexander, N. D.	706	---	Dec 61	FPS-18
TM-187A	McCamey, Tex.	732	Oct 61	---	FPS-18
TM-187B	Comstock, Tex.	732	Feb 60	---	FPS-18
TM-188A	Carrizo Springs, Tex	733	Oct 59	---	FPS-18
TM-188C	Laredo, Tex.	733	Dec 60	---	FPS-18
TM-191A	Riviera, Tex.	813	Aug 59	---	FPS-18
TM-191C	Delmita, Tex.	813	Dec 60	---	FPS-18

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
TM-195A	Summit, Miss.	627	Nov 61	---	FPS-18
TM-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
TM-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-14
TM-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
TM-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
TM-200A	Perry, Fla.	691	---	Apr 61	FPS-18

AN/FPS-14's - 45

AN/FPS-18's - 50

TOTAL SITES: 95

*GAP FILLERS - As of 30 June 1962

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-2A	Lockwood, Calif.	775	---	Apr 62	FPS-18
P-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
P-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
P-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
P-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N.Y.	764	---	Apr 59	FPS-18
P-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
P-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
P-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
P-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
P-19A	Norway, Mich.	676	---	Jun 60	FPS-18
P-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
P-19C	Brooks, Wisc.	676	---	May 60	FPS-18
P-20A	Burnside, Mich.	661	Jun 57	Aug 59	FPS-14
P-20B	Emery, Mich.	661	Feb 59	Aug 59	FPS-18
P-20C	Marblehead, Ohio	661	Nov 60	Jan 61	FPS-18
P-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
P-21B	Charlotte Center, N.Y.	763	---	Dec 58	FPS-14
P-26A	Whitewater, Mont.	779	---	Mar 62	FPS-14
P-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
P-28A	Niobe, N. D.	786	---	Dec 61	FPS-14
P-28D	Regan, N. D.	786	---	Dec 61	FPS-18
P-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
P-29B	Grafton, N. D.	785	---	Dec 59	FPS-14
P-29C	Valley City, N. D.	785	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
P-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
RP-31D	Monee, Ill.	755	Apr 51	Mar 62	FPS-18
P-34A	Petosky, Mich.	752	---	Jun 60	FPS-14
P-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
P-35B	Northfield, Minn.	674	---	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
P-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
P-37A	Laytonville, Calif.	776	---	Dec 60	FPS-14
P-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
P-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
P-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
P-49B	Oswegatchie, N. Y.	655	---	Dec 58	FPS-18
P-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
P-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
P-55B	Hermanville, Md.	647	---	Jan 59	FPS-14
P-55F	Thomas, W. Va.	647	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
31 May 1962.

Site No.	Location	Sq	Manual Ops Date	SAGE Ops Date	Equipment
P-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14
P-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
RP-62A	Thompson, Ohio	664	---	Apr 59	FPS-18
RP-62B	Lewisville, Ohio	664	---	Aug 59	FPS-14
P-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
P-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
P-67A	Midland, Mich.	781	---	Aug 59	FPS-14
P-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
P-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-14
P-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
P-69C	Askov, Minn.	756	---	Nov 59	FPS-14
P-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
P-70C	Vichy, Mo.	798	Aug 59	---	FPS-18
P-79A	Fannett, Tex.	747	Apr 60	---	FPS-14
P-79B	Van Vleck, Tex.	747	Apr 60	---	FPS-14
P-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
P-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
P-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
P-81E	Washington, Iowa	788	---	Oct 59	FPS-18
M-95A	El Paso, Tex.	685	Dec 57	---	FPS-14
M-114A	Bunnell, Fla.	679	Oct 60	---	FPS-18
M-114B	Blythe Island, Ga.	679	Mar 60	---	FPS-18
M-115A	Myrtle Beach, S.C.	701	Feb 58	---	FPS-14
M-115B	Fort Bragg, N.C.	701	Aug 59	---	FPS-18
M-116B	Englehard, N. C.	614	Feb 59	---	FPS-14
M-116C	Hollyridge, N. C.	614	Feb 59	---	FPS-14
M-117B	Elizabeth City, N.C.	771	---	Jan 59	FPS-14
M-125C	Weeks Island, La.	653	Feb 60	---	FPS-14
M-125D	Lake Charles, La.	653	Dec 61	---	FPS-18
M-126A	New Orleans, La.	657	---	Feb 61	FPS-14
M-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-14
M-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
SM-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
TM-177B	Alexander, N. D.	706	---	Dec 61	FPS-18
TM-187A	McCamey, Tex.	732	Oct 61	---	FPS-18
TM-187B	Comstock, Tex.	732	Feb 60	---	FPS-18
TM-188A	Carrizo Springs, Tex	733	Oct 59	---	FPS-18
TM-188C	Laredo, Tex.	733	Dec 60	---	FPS-18
TM-191A	Riviera, Tex.	813	Aug 59	---	FPS-18
TM-191C	Delmita, Tex.	813	Dec 60	---	FPS-18
TM-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
TM-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-14
TM-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
TM-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
TM-200A	Perry, Fla.	691	---	Apr 61	FPS-18

AN/FPS-14's - 41

AN/FPS-18's - 48

TOTAL SITES 89

*ADC GAP FILLERS - As of 31 December 1962

Site No.	Location	Sq	Manual Ops Date	SAGE Ops Date	Equipment
P-2A	Lockwood, Calif.	775	---	Apr 62	FPS-18
P-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
P-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
P-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
P-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
P-14B	Blue Mtn. Lake, N.Y.	764	---	Apr 59	FPS-18
P-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
P-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
P-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
P-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
P-19A	Norway, Mich.	676	---	Jun 60	FPS-18
P-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
P-19C	Brooks, Wisc.	676	---	May 60	FPS-18
P-20A	Burnside, Mich.	661	Jun 57	Aug 59	FPS-14
P-20B	Emery, Mich.	661	Feb 59	Aug 59	FPS-18
P-20C	Marblehead, Ohio	661	Nov 60	Jan 61	FPS-18
P-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
P-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
P-26A	Whitewater, Mont.	779	---	Mar 62	FPS-14
P-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
P-28A	Niobe, N. D.	786	---	Dec 61	FPS-14
P-28D	Regan, N. D.	786	---	Dec 61	FPS-18
P-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
P-29B	Grafton, N. D.	785	---	Dec 59	FPS-14
P-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
P-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
P-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
P-30F	Joliette, Pa.	648	---	Jul 62	FPS-18
RP-31D	Monee, Ill.	755	Apr 61	Mar 62	FPS-18
P-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
P-34A	Petosky, Mich.	752	---	Jun 60	FPS-14
P-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
P-35B	Northfield, Minn.	674	---	Nov 59	FPS-14
P-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
P-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
P-37A	Laytonville, Calif.	776	---	Dec 60	FPS-14
P-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
P-45A	Manorville, N. Y.	773	---	Jun 58	FPS-14
P-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
P-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
P-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
P-50B	Andes, N.Y.	656	---	Dec 58	FPS-18
P-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
P-55B	Hermanville, Md.	647	---	Jan 59	FPS-14
P-55F	Thomas, W. Va.	647	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 Nov 1962.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
P-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
P-56B	Bethany Beach, Del	771	---	Jan 59	FPS-14
RP-62A	Thompson, Ohio	664	---	Apr 59	FPS-18
RP-62B	Lewisville, Ohio	664	---	Aug 59	FPS-14
P-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
P-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
P-67A	Midland, Mich.	781	---	Aug 59	FPS-14
P-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
P-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-14
P-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
P-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
P-69C	Askov, Minn.	756	---	Nov 59	FPS-14
P-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
P-79A	Fannett, Tex.	747	Apr 60	---	FPS-14
P-79B	Van Vleck, Tex.	747	Apr 60	---	FPS-14
P-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
P-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
P-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
P-81E	Washington, Iowa	788	---	Oct 59	FPS-18
M-95A	El Paso, Tex.	685	Dec 57	---	FPS-14
M-112C	Alma, Ga.	702	---	Oct 62	FPS-14
M-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
M-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
M-113B	Georgetown, S.C.	792	---	Oct 62	FPS-14
M-113C	Parris Is. MC, S.C.	792	---	Oct 62	FPS-14
M-116B	Englehard, N.C.	614	Feb 59	---	FPS-14
M-116C	Hollyridge, N.C.	614	Feb 59	---	FPS-14
M-117B	Elizabeth City, N.C.	771	---	Jan 59	FPS-14
M-125C	Weeks Island, La.	653	Feb 60	---	FPS-14
M-125D	Lake Charles, La.	653	Dec 61	---	FPS-18
M-126A	New Orleans, La.	657	---	Feb 61	FPS-14
M-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-14
M-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
SM-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
TM-177B	Alexander, N.D.	706	---	Dec 61	FPS-18
TM-187A	McCamey, Tex.	732	Oct 61	---	FPS-18
TM-187B	Comstock, Tex.	732	Feb 60	---	FPS-18
TM-188A	Carrizo Springs, Tex	733	Oct 59	---	FPS-18
TM-188C	Laredo, Tex.	733	Dec 60	---	FPS-18
TM-191A	Riviera, Tex.	813	Aug 59	---	FPS-18
TM-191B	Palacios, Tex.	813	Jul 62	---	FPS-18
TM-191C	Delmita, Tex.	813	Dec 60	---	FPS-18
TM-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
TM-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-14
TM-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
TM-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
TM-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	---	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	---	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	---	Nov 62	FPS-18

AN/FPS-14's - 44

AN/FPS-18's - 51

TOTAL OPERATIONAL SITES 95

*ADC GAP FILLERS - As of 30 Jun 1963

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-2A	Lockwood, Calif.	775	---	Apr 62	FPS-18
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
Z-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
Z-14B	Blue Mtn Lake, N.Y.	764	---	Apr 59	FPS-18
Z-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
Z-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wisc.	676	---	May 60	FPS-18
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, N.Y.	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-14
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N.D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N.D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N.D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliette, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Pa.	755	---	Mar 62	FPS-18
Z-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-14
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N.Y.	656	---	Dec 58	FPS-18
Z-55B	Hermanville, Md.	647	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V-24,
31 Jul 63.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-55F	Thomas, W. Va.	647	---	Jan 59	FPS-14
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-67A	Midland, Mich.	781	---	Aug 59	FPS-14
Z-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
Z-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
Z-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
Z-69C	Askov, Minn.	756	---	Nov 59	FPS-14
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-79A	Fannett, Tex.	747	Apr 60	---	FPS-14
Z-79B	Van Vleck, Tex.	747	Apr 60	---	FPS-14
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-14
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyride, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	771	---	Jan 59	FPS-14
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-14
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-14
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-177B	Alexander, N.D.	706	---	Dec 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 36

AN/FPS-18's - 47

TOTAL OPERATIONAL SITES

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<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10F	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
Z-12B	Disston, Ore.	761	---	Jun 60	FPS-18
Z-12C	Placer, Ore.	761	---	Jun 60	FPS-18
Z-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
Z-14B	Blue Mtn Lake, NY	764	---	Apr 59	FPS-18
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wisc.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-14
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N. D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N. D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N. D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-29D	Middle River, Minn.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliette, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N. Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
31 Dec 1963.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-67A	Midland, Mich.	781	---	Aug 59	FPS-14
Z-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
Z-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-18
Z-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
Z-69B	Upson, Wisc.	756	---	Nov 59	FPS-18
Z-69C	Askov, Minn.	756	---	Nov 59	FPS-14
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-79A	Fannett, Tex.	747	Apr 60	---	FPS-14
Z-79B	Van Vleck, Tex.	747	Apr 60	---	FPS-14
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-100A	Washougal, Wash.	689	---	Jun 60	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-14
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyride, N. C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	771	---	Jan 59	FPS-14
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-14
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-177B	Alexander, N.D.	706	---	Dec 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 34

AN/FPS-18's - 52

TOTAL OPERATIONAL SITES 86

Site No.	Location	Sq	Manual Ops Date	SAGE Ops Date	Equipment
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
Z-12B	Disston, Ore.	761	---	Jun 60	FPS-18
Z-12C	Placer, Ore.	761	---	Jun 60	FPS-18
Z-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
Z-14B	Blue Mtn Lake, N.Y.	764	---	Apr 59	FPS-18
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wisc.	665	---	Nov 59	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wisc.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N.D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N.D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N.D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40B	Wenatchee, Wash.	637	---	Apr 64	FPS-18
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, NY	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14

Site No.	Location	Sq	Manual Ops Date	SAGE Ops Date	Equipment
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-67A	Midland, Mich.	781	---	Aug 59	FPS-14
Z-67B	Richland Center, Ind.	781	---	Mar 60	FPS-18
Z-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-18
Z-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vicky, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, SC	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-130	Allen, N.C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-177B	Alexander, N. D.	706	---	Dec 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198D	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 27

AN/FPS-18's - 61

TOTAL OPERATIONAL SITES

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<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-12A	Port Orford, Ore.	761	---	Jun 60	FPS-14
Z-13A	Sedgwick, Me.	654	---	Feb 59	FPS-14
Z-14B	Blue Mtn Lake, N.Y.	764	---	Apr 59	FPS-18
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
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Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
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Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N. D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N.D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N.D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-33A	Capetown, Calif.	777	---	Jun 60	FPS-14
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40B	Wenatchee, Wash.	637	---	Apr 64	FPS-18
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N.Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14

* ADC Control & Warning Equipment Reports, RCS: ADC-V24,
30 Nov 1964.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-55B	Hermanville, Md.	647	---	Jan 59	FPS-18
Z-55F	Thomas, W. Va.	647	---	Jan 59	FPS-18
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-66A	Grand Marais, Mich	753	---	Jun 60	FPS-18
Z-67A	Midland, Mich.	781	---	Aug 59	FPS-14
Z-67B	Richland Center, Ind	781	---	Mar 60	FPS-18
Z-67C	Saugatuck, Mich.	781	---	Aug 59	FPS-18
Z-67D	Shelby, Mich.	781	---	Aug 59	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-130B	Allen, N.C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-177B	Alexander, N.D.	706	---	Dec 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 28

AN/FPS-18's - 64

TOTAL OPERATIONAL SITES

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*ADC GAP FILLERS - As of 30 June 1965

Site No.	Location	Sq	Manual Ops Date	SAGE Ops Date	Equipment
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wisc.	665	---	Nov 59	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wisc.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N.D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N.D.	786	---	Dec 61	FPS-18
Z-28E	Alexander, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N.D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N.D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-34G	Saugatuck, Mich.	752	---	Aug 59	FPS-18
Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 Jun 1965.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-20E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-62G	Thomas, W. Va.	662	---	Jan 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-65B	Sedgwick, Me.	765	---	Feb 59	FPS-14
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S. C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S. C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N. C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N. C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-130B	Allen, N. C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	----	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
Z-227A	Hermanville, Md.	770	---	Jan 59	FPS-18

AN/FPS-14's - 27

AN/FPS-18's - 62

TOTAL OPERATIONAL SITES

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*ADC GAP FILLERS - As of 31 December 1965

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Painesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wisc.	665	---	Nov 59	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wisc.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N.D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N.D.	786	---	Dec 61	FPS-18
Z-28E	Alexander, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N.D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N.D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.D.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-34G	Saugatuck, Mich.	752	---	Aug 59	FPS-18
Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wisc.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, N.Y.	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
31 December 1965, Spt Doc 9 (Vol I) to ADC History,
Jul-Dec 1965.

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-20E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del	771	---	Jan 59	FPS-14
Z-59A	Shafter, Calif.	750	---	Dec 62	FPS-18
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-62G	Thomas, W. Va.	662	---	Jan 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-65B	Sedgwick, Me.	765	---	Feb 59	FPS-14
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S. C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S. C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
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Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-130B	Allen, N. C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
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Z-200A	Perry, Fla.	691	----	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
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AN/FPS-14's - 27

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TOTAL OPERATIONAL SITES

89

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
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Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
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Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
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Z-28A	Niobe, N. Dak.	786	---	Dec 61	FPS-14
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Z-28E	Alexander, N. Dak.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N. Dak.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N. Dak.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.Dak.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
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Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wis.	674	---	Nov 59	FPS-18
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Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
31 May 66 (Doc 7 to ADC History, Jan-Jun 1966).

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-62G	Thomas, W. Va.	662	---	Jan 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-65B	Sedgwick, Me.	765	---	Feb 59	FPS-14
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-14
Z-130B	Allen, N. C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-14
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
Z-227A	Hermanville, Md.	770	---	Jan 59	FPS-18

AN/FPS-14's - 27
AN/FPS-18's - 61

TOTAL OPERATIONAL SITES - 88

* ADC GAP FILLERS - As of 31 December 1966

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-14C	Bangor, N. Y.	764	---	Feb 59	FPS-18
Z-16A	Pinesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wisc.	665	---	Nov 59	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wisc.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wis.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
Z-21A	Brockport, N. Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N. Dak.	786	---	Dec 61	FPS-14
Z-28D	Regan, N. Dak.	786	---	Dec 61	FPS-18
Z-28E	Alexander, N. Dak.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N. Dak.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N. Dak.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N.Dak.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-34G	Saugatuck, Mich.	752	---	Aug 59	FPS-18
Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wis.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49A	Suttons Corner, NY	655	---	Dec 58	FPS-14
Z-49B	Oswegatchie, N. Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N. Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 November 1966 (Doc 6 to ADC History, Jul-Dec 1966).

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-62G	Thomas, W. Va.	662	---	Jan 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-65B	Sedgwick, Me.	765	---	Feb 59	FPS-14
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-130B	Allen, N. C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
Z-227A	Hermanville, Md.	770	---	Jan 59	FPS-18

AN/FPS-14's - 27

AN/FPS-18's - 59

TOTAL OPERATIONAL SITES - 86

* ADC GAP FILLERS - As of 30 June 1967

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Pinesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wis.	665	---	Nov 59	FPS-18
Z-17A	Elbow Lake, Minn.	739	---	Dec 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wis.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wis.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N.D.	786	---	Dec 61	FPS-14
Z-28D	Regan, N. D.	786	---	Dec 61	FPS-18
Z-28E	Alexander, N. D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, N. D.	785	---	Dec 59	FPS-14
Z-29C	Valley City, N. D.	785	---	Dec 59	FPS-18
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-34G	Saugatuck, Mich.	752	---	Aug 59	FPS-18
Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35B	Northfield, Minn.	674	---	Nov 59	FPS-18
Z-35C	Jim Falls, Wis.	674	---	Nov 59	FPS-18
Z-35F	La Crescent, Minn.	674	---	Jan 60	FPS-18
Z-35H	Askov, Minn.	674	---	Nov 59	FPS-14
Z-40C	Okanogan, Wash.	637	---	Jun 61	FPS-18
Z-43A	Bainbridge, Ohio	783	---	Apr 63	FPS-18
Z-43E	Lewisville, Ohio	783	---	Dec 62	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N.Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va.	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del	771	---	Jan 59	FPS-14

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 Jun 1967 (Sup Doc 2 to Hist of ADC, Jan-Jun 1967).

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-62G	Thomas, W. Va.	662	---	Jan 59	FPS-18
Z-65A	Topsfield, Me.	765	---	Apr 59	FPS-18
Z-65B	Sedgwick, Me.	765	---	Feb 59	FPS-14
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-70C	Vichy, Mo.	798	---	Jan 63	FPS-18
Z-70G	Bowling Green, Mo.	798	---	Jan 64	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-80B	Bridgewater, Me.	766	---	Apr 59	FPS-18
Z-81A	Dallas Center, Iowa	788	---	May 60	FPS-18
Z-81B	La Motte, Iowa	788	---	Jun 60	FPS-18
Z-81E	Washington, Iowa	788	---	Oct 59	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-112E	Jeffersonville, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-130B	Allen, N.C.	810	---	Mar 64	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-157A	Janesville, Calif.	859	---	Jun 60	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
Z-227A	Hermanville, Md.	770	---	Jan 59	FPS-18

AN/FPS-14's - 25

AN/FPS-18's - 63

TOTAL OPERATIONAL SITES - 88

*ADC GAP FILLERS - As of 31 December 1967

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-10B	Fort Dearborn, N.H.	762	---	Sep 58	FPS-14
Z-10E	Chilmark, Mass.	762	---	Jun 58	FPS-14
Z-14C	Bangor, N.Y.	764	---	Feb 59	FPS-18
Z-16A	Pinesdale, Mich.	665	---	Jun 60	FPS-18
Z-16B	Upson, Wis.	665	---	Nov 59	FPS-18
Z-17B	Bagley, Minn.	739	---	Dec 59	FPS-18
Z-19A	Norway, Mich.	676	---	Jun 60	FPS-18
Z-19B	Two Creeks, Wis.	676	---	Jun 60	FPS-18
Z-19C	Brooks, Wis.	676	---	May 60	FPS-18
Z-20A	Burnside, Mich.	661	---	Aug 59	FPS-14
Z-20B	Emery, Mich.	661	---	Aug 59	FPS-18
Z-20C	Marblehead, Ohio	661	---	Jan 61	FPS-18
Z-20G	Midland, Mich.	661	---	Aug 59	FPS-14
Z-21A	Brockport, N.Y.	763	---	Dec 58	FPS-14
Z-21B	Charlotte Center, NY	763	---	Dec 58	FPS-14
Z-26A	Whitewater, Mont.	779	---	Mar 62	FPS-18
Z-26D	Whitetail, Mont.	779	---	Mar 62	FPS-14
Z-28A	Niobe, N. D.	786	---	Dec 61	FPS-14
Z-28E	Alexander, N.D.	786	---	Dec 61	FPS-18
Z-29A	Sheyenne, N. D.	785	---	Dec 59	FPS-14
Z-29B	Grafton, D. D.	785	---	Dec 59	FPS-14
Z-30E	Ulysses, Pa.	648	---	Dec 58	FPS-14
Z-30F	Joliett, Pa.	648	---	Jul 62	FPS-18
Z-31D	Monee, Ill.	755	---	Mar 62	FPS-18
Z-34A	Petoskey, Mich.	752	---	Jun 60	FPS-14
Z-34E	Alpena, Mich.	752	---	Jun 60	FPS-18
Z-34G	Saugatuck, Mich.	752	---	Aug 59	FPS-18
Z-34H	Shelby, Mich.	752	---	Aug 59	FPS-18
Z-35C	Jim Falls, Wis.	674	---	Nov 59	FPS-18
Z-35H	Askov, Minn.	674	----	Nov 59	FPS-14
Z-45A	Manorville, N.Y.	773	---	Jun 58	FPS-14
Z-49B	Oswegatchie, N.Y.	655	---	Dec 58	FPS-18
Z-50A	New Preston, Conn.	656	---	Sep 58	FPS-14
Z-50B	Andes, N.Y.	656	---	Dec 58	FPS-18
Z-50E	New Salem, Mass.	656	---	Sep 58	FPS-14
Z-56A	Temperanceville, Va	771	---	Jan 59	FPS-14
Z-56B	Bethany Beach, Del.	771	---	Jan 59	FPS-14
Z-62A	Thompson, Ohio	662	---	Aug 59	FPS-18
Z-62E	Brookfield, Ohio	662	---	Feb 64	FPS-18
Z-66A	Grand Marais, Mich.	753	---	Jun 60	FPS-18
Z-69D	Aurora, Minn.	756	---	Dec 60	FPS-18
Z-73J	Richland Center, Ind	664	---	Mar 60	FPS-18
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18

*ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 Nov 1957 (Sup Doc 193 to History of ADC, Jul-Dec 1967).

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-113B	Georgetown, S. C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-115A	Myrtle Beach, S.C.	701	---	Jan 63	FPS-14
Z-115B	Fort Bragg, N.C.	701	---	Jan 63	FPS-18
Z-115C	Hollyridge, N.C.	701	---	Feb 63	FPS-14
Z-117B	Elizabeth City, N.C.	632	---	Jan 59	FPS-14
Z-117D	Englehard, N.C.	632	---	Aug 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-132A	Big Falls, Minn.	692	---	Nov 59	FPS-18
Z-132B	Middle River, Minn.	692	---	Dec 59	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carrabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-199B	Bridgeboro, Ga.	609	---	Jul 61	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18
Z-227A	Hermanville, Md.	770	---	Jan 59	FPS-18

AN/FPS-14's - 23

AN/FPS-18's - 45

TOTAL OPERATIONAL SITES - 68

*ADC GAP FILLERS - As of 30 June 1968

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-200B	Bridgeboro, Ga.	691	---	Jul 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 1

AN/FPS-18's - 16

TOTAL OPERATIONAL SITES - 17

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 May 1968 (Sup Doc 291 to History of ADC, Jan-Jun 1968).

*ADC GAP FILLERS - As of 31 December 1968

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S. C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S. C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-200B	Bridgeboro, Ga.	691	---	Jul 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 1

AN/FPS-18's - 16

TOTAL OPERATIONAL SITES - 17

* ADC Control & Warning Equipment Report, RCS: ADC-V24,
30 November 1968 (Sup Doc 18 to History of ADC FY 1969).

*ADC GAP FILLERS - As of 30 June 1969

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parais Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-126A	New Orleans, La.	657	---	Feb 61	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-200B	Bridgeboro, Ga.	691	---	Jul 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 1

AN/FPS-18's - 16

TOTAL OPERATIONAL SITES - 17

*ADC GAP FILLERS - As of 31 December 1969

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-112C	Alma, Ga.	702	---	Oct 62	FPS-18
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18
Z-198B	Eglin AFB, Fla.	678	---	Apr 60	FPS-18
Z-200A	Perry, Fla.	691	---	Apr 61	FPS-18
Z-200B	Bridgeboro, Ga.	691	---	Jul 61	FPS-18
Z-210A	Naples, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210B	Long Key, Fla.	644	Aug 62	Oct 62	FPS-18
Z-210C	Jupiter, Fla.	644	Aug 62	Oct 62	FPS-18

AN/FPS-14's - 1

AN/FPS-18's - 15

TOTAL OPERATIONAL SITES - 16

* NOTE: Z-126A New Orleans, La. went out of operation on 31 Dec 1969.

ADC Control & Warning Equipment Report, RCS: ADC-V24,
15 September 1969 (Sup Doc 355 to History of ADC FY 1970).

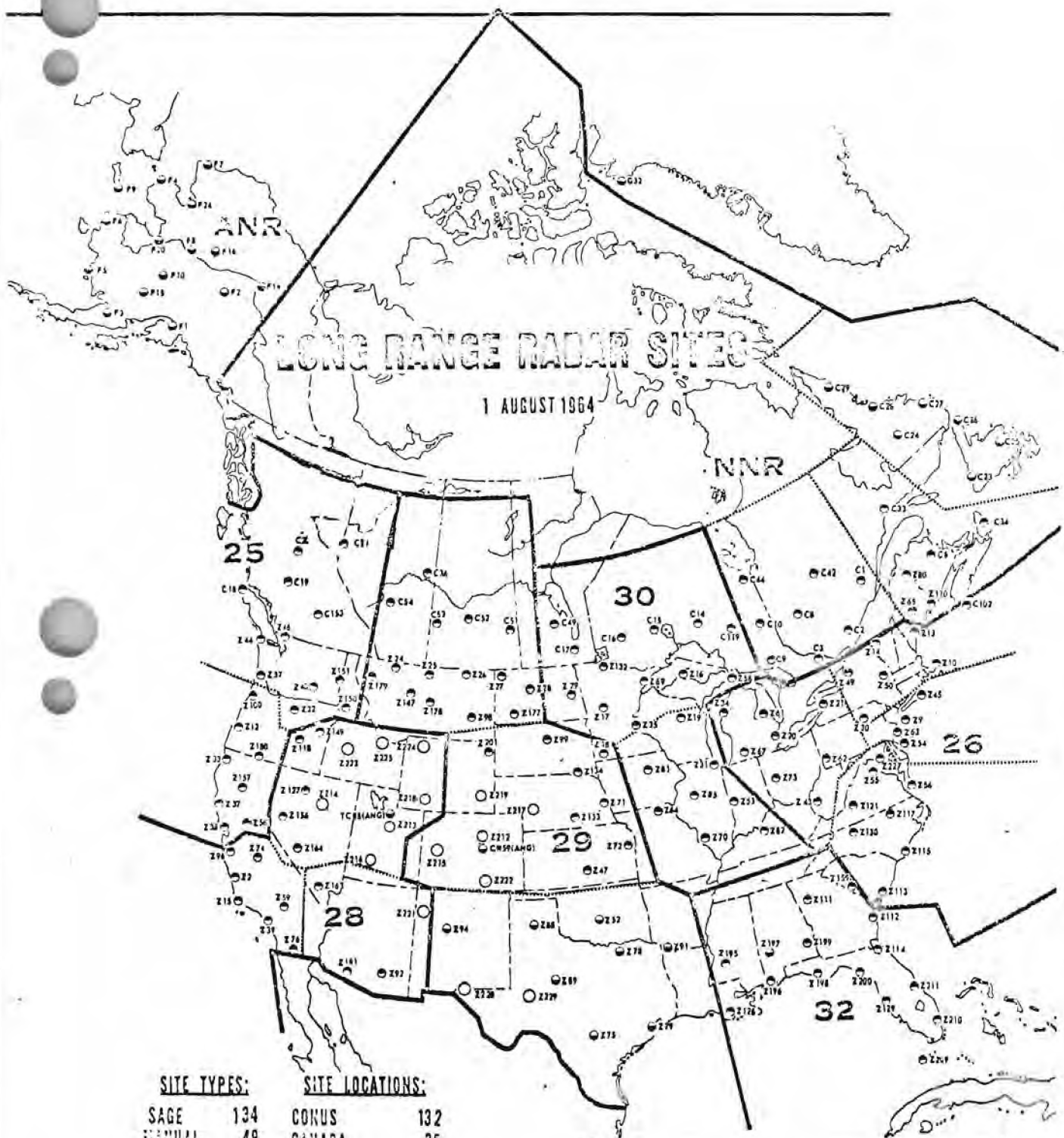
* ADC GAP FILLERS - As of 30 June 1970

<u>Site No.</u>	<u>Location</u>	<u>Sq</u>	<u>Manual Ops Date</u>	<u>SAGE Ops Date</u>	<u>Equipment</u>
Z-113A	Statesburg, S.C.	792	---	Oct 62	FPS-18
Z-113B	Georgetown, S.C.	792	---	Oct 62	FPS-18
Z-113C	Parris Is MCAS, S.C.	792	---	Oct 62	FPS-14
Z-114A	Bunnell, Fla.	679	---	May 64	FPS-18
Z-114B	Blythe Island, Ga.	679	---	May 64	FPS-18
Z-129A	Wintergarden, Fla.	660	---	Aug 61	FPS-18
Z-129B	Inverness, Fla.	660	---	Apr 61	FPS-18
Z-196B	Gulfport, Miss.	693	---	Aug 61	FPS-18
Z-198A	Carabelle, Fla.	678	---	Apr 60	FPS-18

AN/FPS-14's - 1
AN/FPS-18's - 9

TOTAL OPERATIONAL SITES - 10

* ADC Control & Warning Equipment Report, RCS: ADC-V24, 15 May 1970 (Sup Doc 356 to ADC History, FY 1970 and History of ADC FY 1970, p. 265).



SITE TYPES:		SITE LOCATIONS:	
SAGE	134	CONUS	132
MANUAL	49	CANADA	35
TOTAL	183	ALASKA	15
		THULE	1
		TOTAL	183

LEGEND

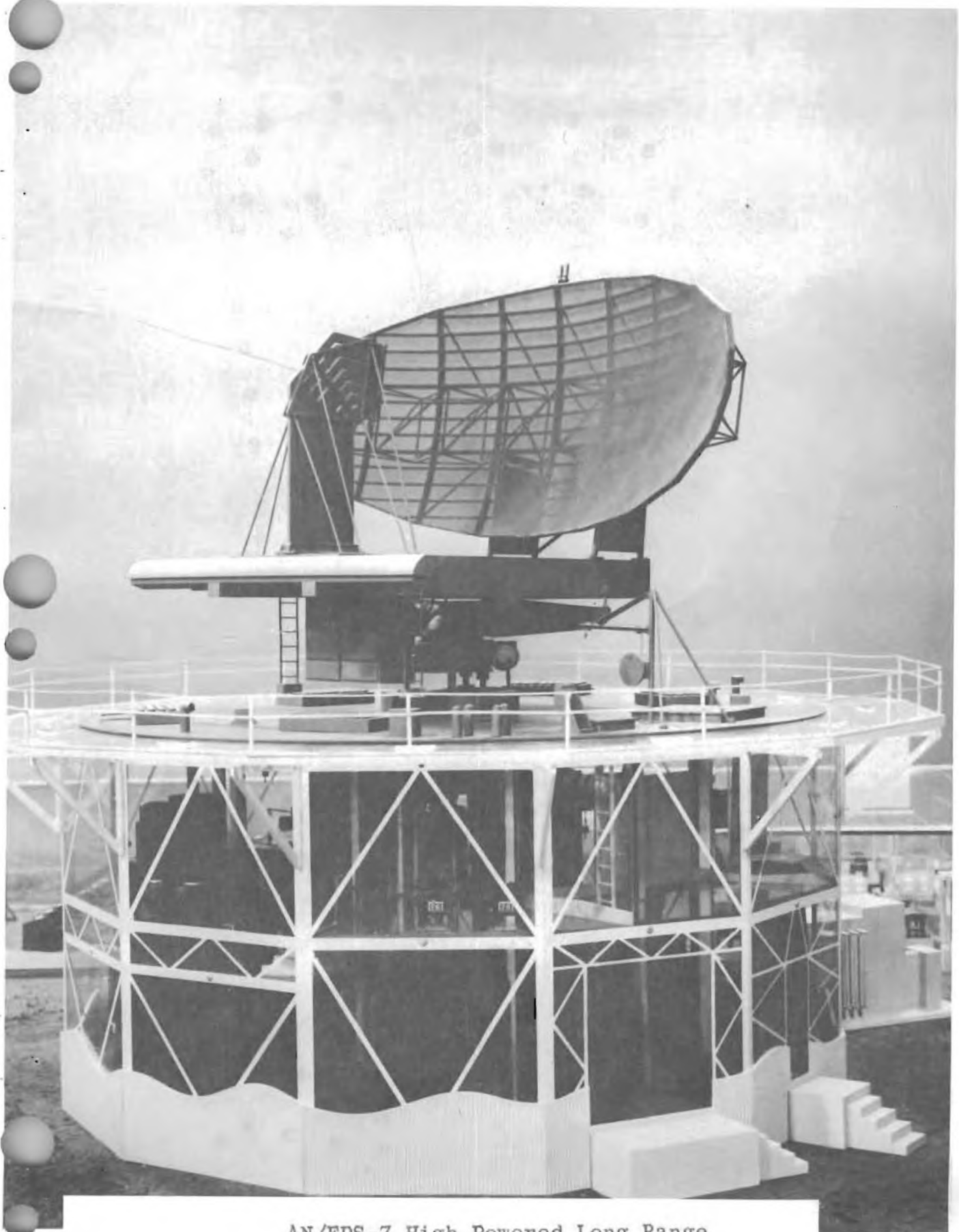
- SAGE Site
- Manual Site
- FAA Site (Surveillance Only)

ADC GAP FILLERS - As of 31 December 1970

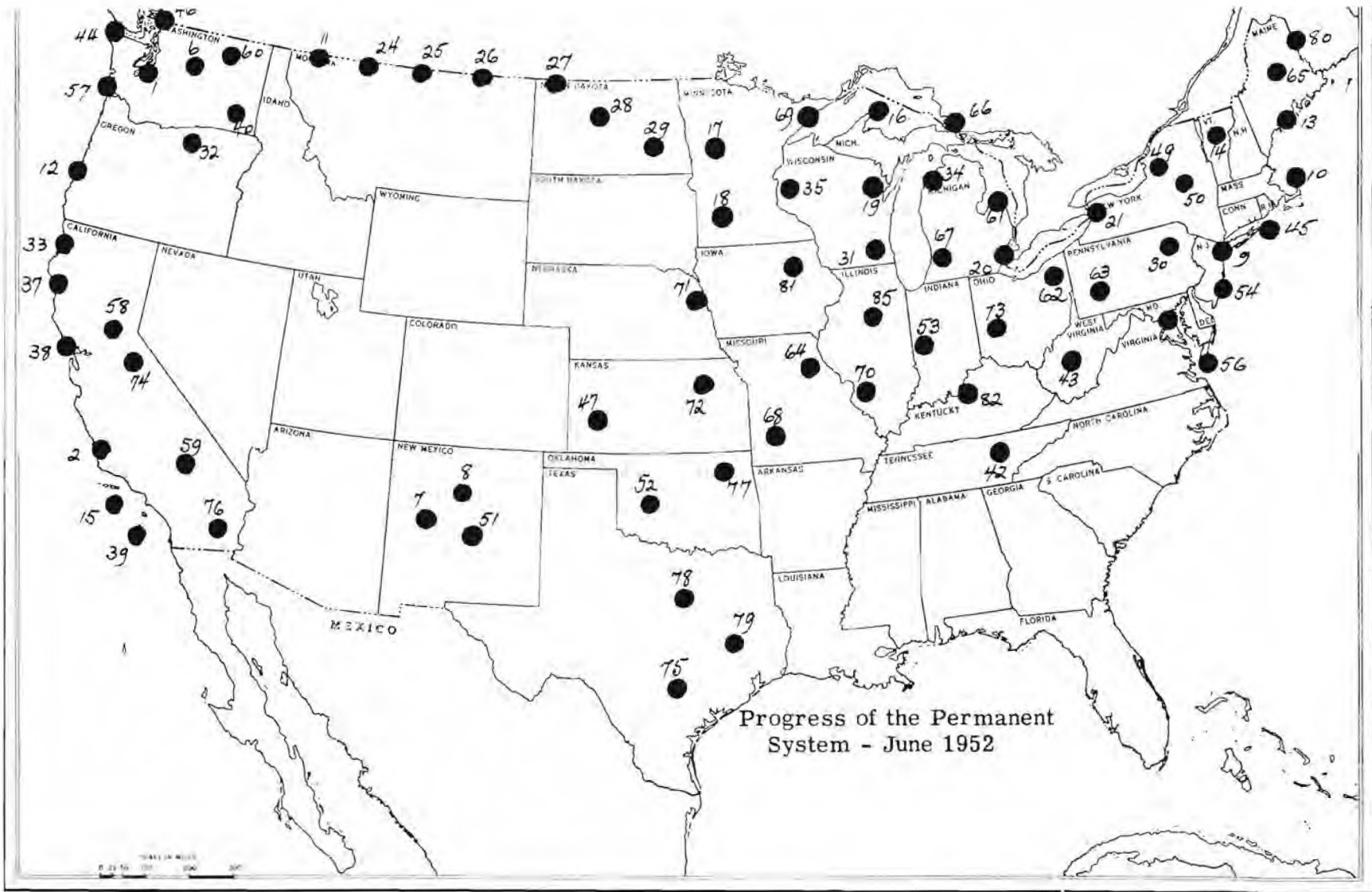
TOTAL OPERATIONAL SITES: 0

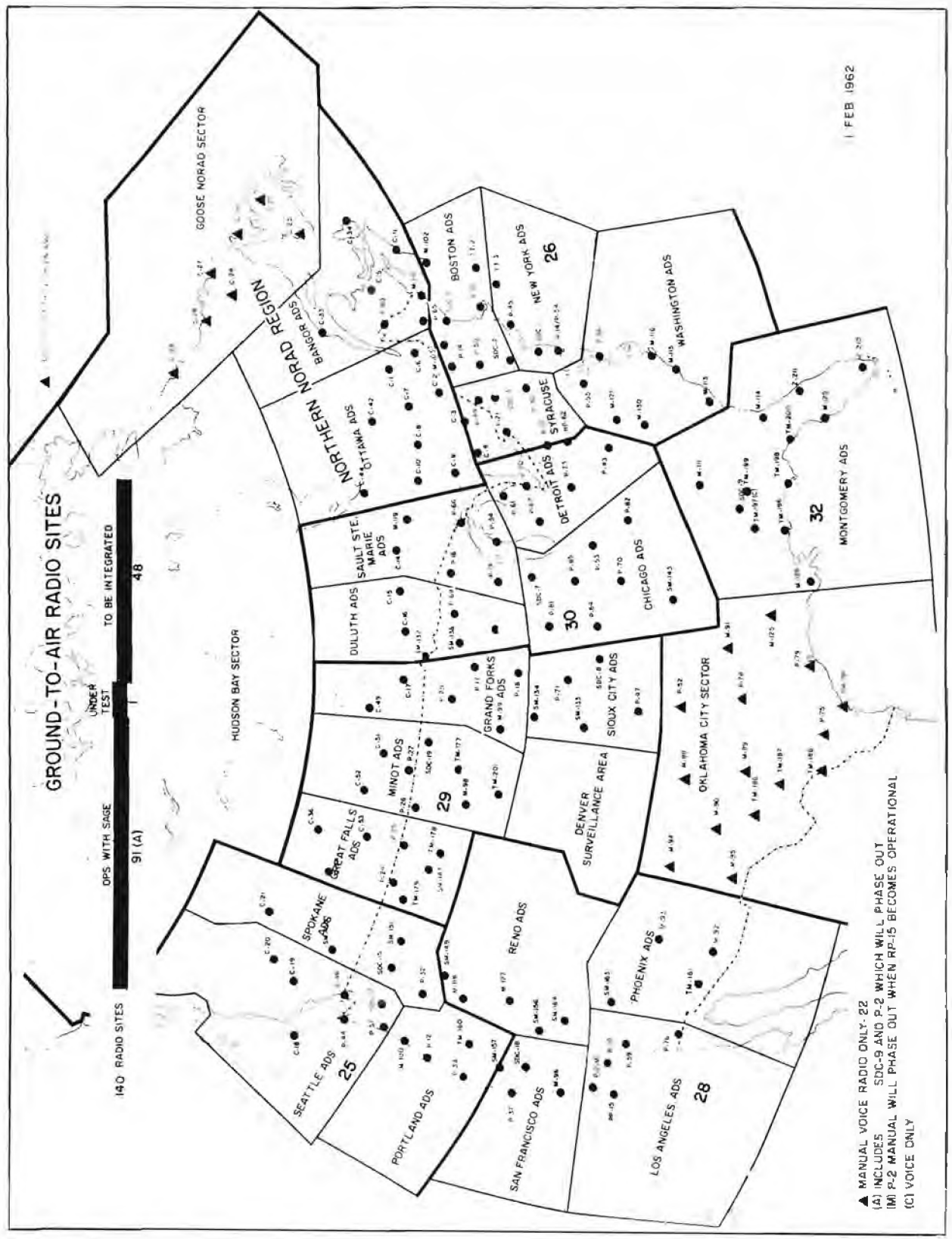
The last 10 remaining Gap Fillers were relieved of NORAD commitment and phased out on 1 July 1970.*

* NORAD Forces & Change Summary, August 1970, p. 2-2.



AN/FPS-7 High Powered Long Range
Search Radar





FEB 1962

▲ MANUAL VOICE RADIO ONLY - 22
(A) INCLUDES SDC-9 AND P-2 WHICH WILL PHASE OUT
(M) P-2 MANUAL WILL PHASE OUT WHEN RP-15 BECOMES OPERATIONAL
(C) VOICE ONLY

THE PERMANENT RADAR NETWORK
1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952-1963
						1959-CPS-6B; FPS-6; FPS-6B; GPS-3
						1960-FPS-6(2); FPS-7 GPS-3
						1961-FPS-6(2); FPS-7B 1963-FPS-7B; FPS-26A FPS-90
P-11	Bonner's Ferry, 680 Mont. (1Mar51)	Apr 52			FPS-3 FPS-4	1956-FPS-3; FPS-4; FPS-6 1957-FPS-3; FPS-6; GPS-3 Ceased opn 16Mar60 Sq inact 1 Jul 60 became gap filler site SM-151E
P-12	North Bend, 761 Ore. (7Feb51)	Feb 52	Jun 60		FPS-3 FPS-4	1955-FPS-3; FPS-4; FPS-8 1956-FPS-3; FPS-4; GPS-3 1957-FPS-3; FPS-6 1959-FPS-3; FPS-6; F; S-6B 1961-FPS-6; FPS-6B; FPS-7 1963-FPS-7; FPS-26A; FPS-90
P-13	Brunswick, 654 Me. (Dec49)	Oct 51	Feb 59		CPS-6B(2)	1955-CPS-6B(2); FPS-8 1956-CPS-6B(2) 1957-CPS-6B; FPS-6(2) 1958-CPS-6B; FPS-6(2); GPS-3 1960-FPS-6(2); GPS-3
P-14	Bellevue 764 Hill, Vt.	Sep 51	Feb 59		CPS-6B(2)	1958-CPS-6B(2); FPS-6 1959-CPS-6B; FPS-6(2) 1962-CPS-6B; FPS-6(2); FPS-7C 1963-FPS-6; FPS-7C; FPS-26A
P-15	SantaRosals, 669 Calif.				FPS-10(2)	1955-FPS-3; FPS-10(2) 1956-FPS-10(2); GPS-3 1958-FPS-10(2); GPS-3; MPS-14 Ceased opn 31 Mar 63 Reloc to Lompac RP-15
RP-15	LompacAFS, 669 Calif.					1963-FPS-6A; FPS-67

THE PERMANENT RADAR NETWORK 1952-1963		Sq No.-Activation of Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952-1963
Site No.	Location				
P-1	McChord AFB, 635 Wash. (21May47)	Jun 51		CPS-6B(2)	Ceased opn 1 Apr 60 Moved to RP-1Ft. Lawton on ARSR-1C; FPS-6A(2)-1960
RP-1	Ft. Lawton, Wash. 635		Apr 61		Ceased opn 30 Apr 63 Sq inactivated on 1 Aug 1963
P-2	Cambria, 775 Calif. (7Mar51)	Jan 52	Apr 61	FPS-3 CPS-4	1955-FPS-3; FPS-6; FPS-8 1957-FPS-3; FPS-6 1958-FPS-3(2); FPS-6 1959-FPS-3(2); FPS-6; FPS-6A 1961-FPS-6; FPS-6B; FPS-7C 1963-FPS-6; FPS-7C; FPS-26A
P-6	Curlew, 638 Wash. (5May50)	Jan 52		FPS-3 FPS-5	1957-FPS-3; FPS-6 FPS-3 turned off Jun 59; sq inact 1 Dec 59 Became P-60C gap filler
P-7	Continental 769 Divide, N.M	Sep 52			1953-FPS-3; FPS-5 1955-FPS-3; FPS-4 1956-FPS-3; FPS-6 Ceased opn 1 Aug 60; Search Radar oper for FAA until 28 Jun 61; Sq inact 1 Jul 61
P-8	Tierra Amar- 767 illo, N.M (27Nov50)	Sep 52			1953-FPS-3; FPS-5 1957-FPS-3; FPS-6 Ceased opn Dec 58; Sq inact 8 Jan 59
P-9	Navesink, 646 N.J. (16Apr48)	Oct 51	Jun 58	CPS-6B(2)	1955-CPS-6B(2); FPS-8 1956-CPS-6B(2) 1957-CPS-6B(2); FPS-6 1958-CPS-6B(2); FPS-6; GPS-3 1960-FPS-6; FPS-6B; FPS-7; GPS-3 1961-FPS-6; FPS-6B; FPS-7 1962-FPS-6B; FPS-7; FPS-26A 1963-FPS-7; FPS-26A; FPS-90
P-10	North Truro, 762 Mass. (7Feb51)	Oct 51	Sep 58	CPS-6B(2)	1955-CPS-6B(2); FPS-8 1956-CPS-6B(2) 1958-CPS-6B(a); FPS-6

THE PERMANENT RADAR NETWORK
1952-1963-Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952-1963
P-16	Calumet, Mich.	665	Apr 63			1953-FPS-3; FPS-5 1956-FPS-3; FPS-5; FPS-6 1957-FPS-3; FPS-6 1958-FPS-6; FPS-20 1960-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6B; FPS-20 1962-FPS-6A; FPS-6B; FPS-64 1963-FPS-26A; FPS-27; FPS-64; FPS-90
P-17	Wadena, Minn.	739	Jun 52	Dec 59	FPS-3 FPS-4	1956-FPS-3; FPS-4; FPS-6 1958-FPS-6; FPS-20 1959-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6B; FPS-20 1962-FPS-6; FPS-6B; FPS-64 1963-FPS-6; FPS-64; FPS-90
P-18	Chandler, Minn. (27Jun51)	787	Jun 52	Mar 61	FPS-3 FPS-4	1956-FPS-3; FPS-4; FPS-6 1958-FPS-6; FPS-20 1961-FPS-6; FPS-20; FPS-26 1962-FPS-6; FPS-26; FPS-64
P-19	Antigo, Wisc. (1May51)	676	Jun 52	Jun 60	FPS-3 FPS-4	1958-FPS-6A; FPS-20 1959-FPS-6A(2); FPS-20 1960-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6B; FPS-20 1962-FPS-6; FPS-6B; FPS-20A; FPS-35 1963-FPS-6; FPS-6B; FPS-35
P-20	Selfridge AFB, Mich. (Dec 49)	661	Oct 51	Aug 59	CPS-6B(2)	1957-CPS-6B(2); FPS-6 1959-CPS-6B; FPS-3; FPS-6; FPS-6A 1960-FPS-6; FPS-6A; FPS-20

THE PERMANENT RADAR NETWORK
1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
						1961-FPS-6; FPS-6A FPS-20A
						1963-FPS-6; FPS-26A; FPS-35
P-21	Shawnee, N.Y.	763	Sep 51	Dec 58	CPS-6B(2)	1957-CPS-6B(2); FPS-6 1958-CPS-6B(2); FPS-6(2) 1959-CPS-6B; FPS-6(2) 1960-FPS-6(2); FPS-7 1962-FPS-6A; FPS-7; FPS-26
						1963-FPS-6; FPS-7; FPS-26
P-24	Cut Bank, Mont. (1Mar51)	681	Apr 52	Feb 61	FPS-3 FPS-4	1956-FPS-3; FPS-4; GPS-3 1957-FPS-3; FPS-4 1958-FPS-4; FPS-20 1959-FPS-6A(2); FPS-20A 1960-FPS-6A; FPS-6B; FPS-20A 1961-FPS-6B(2); FPS-20A 1962-FPS-6B(2); FPS-66
						1957-FPS-3; FPS-4; FPS-6; GPS-3
						1958-FPS-3; FPS-6; GPS-3
						1959-FPS-3; FPS-6; FPS-6A; GPS-3
						1961-FPS-3A; FPS-6; FPS-6B; GPS-3
						1962-FPS-3; FPS-6; FPS-6B; GPS-3
P-25	Harve, Mont. (1Mar51)	778	Apr 52	Feb 61	FPS-3 FPS-4	1956-FPS-3; FPS-4; GPS-3 1957-FPS-3; FPS-4; GPS-3 1958-FPS-3; FPS-6; GPS-3 1959-FPS-3; FPS-6; FPS-6A; GPS-3 1961-FPS-6; FPS-6B; GPS-3 1962-FPS-6A; FPS-6B; FPS-7C 1963-FPS-7C; FPS-26A; FPS-90
						1957-FPS-3; FPS-4; GPS-3
						1958-FPS-3; FPS-6; GPS-3
						1959-FPS-3; FPS-6; FPS-6A; GPS-3
						1961-FPS-6; FPS-6B; GPS-3
						1962-FPS-6A; FPS-6B; FPS-7C
						1963-FPS-7C; FPS-26A; FPS-90
P-26	Opheim, Mont. (1Mar51)	779	Apr 52	Jun 61	FPS-3 FPS-4	1957-FPS-3; FPS-4; GPS-3 1958-FPS-3; FPS-6; GPS-3 1959-FPS-3; FPS-6; FPS-6A; GPS-3 1961-FPS-6; FPS-6B; GPS-3 1962-FPS-6A; FPS-6B; FPS-7C 1963-FPS-7C; FPS-26A; FPS-90
						1957-FPS-3; FPS-4; GPS-3
						1958-FPS-3; FPS-6; GPS-3
						1959-FPS-3; FPS-6; FPS-6A; GPS-3
						1961-FPS-6; FPS-6B; GPS-3
						1962-FPS-6A; FPS-6B; FPS-7C
						1963-FPS-7C; FPS-26A; FPS-90
P-27	Fortuna, N.Dak. (1Mar51)	780	Apr 52	Jul 61	FPS-3 FPS-4	1957-FPS-3; FPS-4; GPS-3 1958-FPS-6; FPS-20 1959-FPS-6A; FPS-20

THE PERMANENT RADAR NETWORK 1952-1963 - Continued		Sq No. - Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
Site No.	Location					
						1960-FPS-6A(2); FPS-20A 1961-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-20A; FPS-35 1963-FPS-6; FPS-20A; FPS-35; FPS-90
P-28	Minot, 786 N. Dak. (20 May 51)	Apr 52	Jun 61	FPS-3 FPS-4	1957-FPS-3; FPS-4; GPS-3	1958-FPS-6; FPS-20 1960-FPS-6; FPS-6B; FPS-20 1961-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-66
P-29	Finley, 785 N. Dak. (10 Apr 51)	Apr 52	Dec 59	FPS-3 FPS-4	1957-FPS-3; FPS-6; FPS-8	1958-FPS-6; FPS-20 1959-FPS-6; FPS-6A; FPS-20 1960-FPS-6; FPS-6B; FPS-20 1962-FPS-6; FPS-6B; FPS-20; FPS-35 1963-FPS-6; FPS-35; FPS-90
P-30	Benton, 648 Pa. (16 Apr 48)	Oct 51	Dec 58	CPS-6B(2)	1958-CPS-6B; FPS-6B(2); 1959-CPS-6B; FPS-6(2); 1961-CPS-6B; FPS-6(2); FPS-35 1962-FPS-6(2); FPS-35 1963-FPS-6; FPS-26A; FPS-35	
P-31	Williams Bay, 755 Wisc. (27 Nov 50)	Oct 51		CPS-6B(2)	1959-CPS-6B(2); FPS-6 Ceased opn 30 Jan 60 Moved to Arlington Heights, Ill (RP-31)	
RP-31	Arlington Heights, Ill.	Feb 61	Jan 62		1961-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-67 1963-FPS-6; FPS-67; FPS-90	

THE PERMANENT RADAR NETWORK
1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
P-32	Condon, Ore. (21 May 47)	636 Mar 52		Jul 60	FPS-3 FPS-4	1957-FPS-3; FPS-6 1958-FPS-6; FPS-20 1960-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6A; FPS-20A 1962-FPS-6; FPS-6A; FPS-66
P-33	Klamath, Calif. (18 Dec 50)	777 Apr 52		Jun 60	FPS-3 FPS-4	1956-FPS-3; FPS-4; GPS-3 1958-FPS-6; FPS-20 1959-FPS-6; FPS-6A; FPS-20A 1960-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-66 1963-FPS-26A; FPS-66; FPS-90
P-34	Empire, Mich.	752 Nov 51		Jun 60	CPS-6B(2)	1958-CPS-6B(2); FPS-6 1959-CPS-6B; FPS-6; FPS-6A 1960-FPS-6(2); FPS-7 1963-FPS-6; FPS-7; FPS-26A
P-35	Osceola, Wisc.	674 Dec 51		Nov 59	CPS-6B(2)	1959-CPS-6B; FPS-6A(2) 1960-FPS-6A(2); FPS-7 1962-FPS-6B(2); FPS-7 1963-FPS-7; FPS-90(2)
P-37	Pt. Arena, Calif. (18 Dec 50)	776 Dec 51		Dec 60	FPS-3 FPS-4	1955-FPS-3; FPS-4; FPS-8 1956-FPS-3; FPS-4; GPS-3 1958-FPS-6; FPS-20 1959-FPS-6; FPS-20; GPS-3 1960-FPS-6; FPS-6B; GPS-3 1963-FPS-24; FPS-26A; FPS-90
P-38	Mill Valley, Calif. (27 Nov 50)	666 Oct 51		Dec 60	CPS-6B(2)	1955-CPS-6B(2); FPS-8 1956-CPS-6B(2); FPS-4; GPS-3 1957-CPS-6B(2); GPS-3 1958-CPS-6B(2); FPS-6; GPS-3 1959-CPS-6B; FPS-6(2); GPS-3

THE PERMANENT RADAR NETWORK
 1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
						1960-FPS-6; FPS-6B; GPS-3
						1961-FPS-6; FPS-6B; FPS-7C
P-39	San Clemente Is., Calif.	670	May 52		FPS-3	1953-FPS-3; FPS-4 1955-FPS-3; FPS-4; FPS-8 1956-FPS-3; FPS-4; FPS-6; GPS-3 1957-FPS-3; FPS-6; GPS-3 1959-FPS-3; FPS-6; GPS-3A 1960-FPS-3; FPS-6; GPS-3
						1960-FPS-3; FPS-6; GPS-3 Ceased opn Mar 61 Moved to San Pedro (RP-39) Apr 61
	San Pedro Hill, RP-39 Calif.			Mar 61		1961-ARSR-1C; FPS-6 1962-ARSR-1C; FPS-6B; FPS-90 1963-ARSR-1C; FPS-6B; FPS-26A
P-40	Othello, Wash. (21May47)	637	Jan 52	Jul 60	FPS-3 FPS-5	1956-FPS-3; FPS-6 1957-FPS-3; FPS-6; GPS-3 1958-FPS-6; FPS-6A; FPS-20 1963-FPS-6; FPS-6A; FPS-7C
P-42	Lake City, Tenn.	633	Jun 52		FPS-10(2)	1958-FPS-6; FPS-10(2) 1959-FPS-6; FPS-10 Ceased opn 1 Aug 60 Sq inact 1 Jun 61
P-43	Guthrie, W.Va. (16Apr51)	783	Jun 52	Nov 62	FPS-3 FPS-4	1958-FPS-6; FPS-20 1961-FPS-6; FPS-20A 1962-FPS-6; FPS-67 1963-FPS-6(2); FPS-67
P-44	Makah, Wash. (27Nov50)	758	Jan 52	Feb 60	CPS-4 FPS-3	1955-FPS-3; FPS-4; FPS-8 1956-FPS-3; FPS-4; FPS-6; GPS-3 1957-FPS-3; FPS-6 1958-FPS-3; FPS-6; FPS-6A 1959-FPS-6; FPS-6B; GPS-3

THE PERMANENT RADAR NETWORK 1952-1963 - Continued		Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
Site No.	Location					
						1961-FPS-6B; FPS-7A 1963-FPS-7A; FPS-26A FPS-90
P-45	Montauk, 733 N.Y. (27Nov50)	Mar 52	Jun 58	FPS-3 FPS-5		1955-FPS-3; FPS-6; FPS-8 1956-FPS-3; FPS-6; GPS-3 1957-FPS-3; FPS-6(2); FPS-20 1958-FPS-6(2); FPS-20 1961-FPS-6B; FPS-20 1962-FPS-6(2); FPS-20; FPS-35 1963-FPS-6; FPS-26; FPS-35
P-46	Blaine, 757 Wash. (27Nov50)	Jan 52	Feb 60	FPS-10(2)		1957-FPS-6; FPS-10(2) 1958-FPS-6; FPS-6A; FPS-10 1959-FPS-6; FPS-6A; FPS-20A 1960-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6A; FPS-20A 1963-FPS-6A; FPS-24; FPS-26A
P-47	Hutchinson, 793 Kans. (1May51)	May 52	Dec 61	FPS-10(2)		1958-FPS-3; FPS-6A(2); FPS-10 1959-FPS-6; FPS-6A; FPS-20 1960-FPS-6A; FPS-6B; FPS-20 1961-FPS-6A; FPS-6B; FPS-20A 1962-FPS-6A; FPS-6B; FPS-66 1963-FPS-6A; FPS-26A; FPS-66
P-49	Watertown, 655 N.Y. (Dec 49)	Jun 52	Dec 58	FPS-3 FPS-5		1958-FPS-6(2); FPS-20 1959-FPS-6(2); FPS-20 1962-FPS-6(2); FPS-66 1963-FPS-6; FPS-26A; FPS-66
P-50	Saratoga 656 Springs, N.Y. (Dec 49)	Apr 52	Sep 58	FPS-3 FPS-5		1957-FPS-3; FPS-6 1958-FPS-6(2); FPS-20 1961-FPS-6(2); FPS-65 1963-FPS-26A; FPS-27; FPS-65; FPS-90

THE PERMANENT RADAR NETWORK
 1952-1963 - Continued

Site No.	Location	Sq No. - Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
P-51	Moriarity, 768 N.M. (27Nov50)	Sep 52			1953-FPS-3;FPS-5 1957-FPS-3	1958-FPS-6;FPS-20 Ceased opn 1 Aug 60 Sq inact 1 Jun 61
P-52	Okla.City, 746 Okla.	May 52		FPS-10(2)	1958-FPS-6;FPS-10(2) 1959-FPS-6;FPS-10 1962-FPS-6;FPS-10; FPS-67 1963-FPS-6;FPS-67	
P-53	Rockville, 782 Ind. (16Apr51)	May 52	Sep 59	FPS-10(2)	1957-FPS-6;FPS-10(2) 1958-FPS-6(2);FPS-10(2) 1959-FPS-6(2);FPS-10 1960-FPS-6(2);FPS-7B; FPS-10 1961-FPS-6(2);FPS-7B	
P-54	Palermo, 770 N.J.	Apr 52	Jun 58	CPS-4 FPS-3	1956-FPS-3;FPS-4 1957-FPS-3;FPS-6(2) 1958-FPS-6(2);FPS-20 P-54 redesisg Det 1, NY Air Def Sec 10ct61 770th Sq moved to RP-54 Ft Geo Meade on 1 Oct 61 1962-FPS-6;FPS-6A; FPS-20 P-54 redesisg 680thRad Sq on 1 Jun 62 1963-FPS-6(2);FPS-65	
RP-54	Ft. Geo. Meade, 770 Md.		Feb 62		1962-FPS-67;FPS-68(2) 1963-FPS-67;FPS-68; FPS-90 RP-54 redesisg Z-227 on 1 Jul 63.	
P-55	Manassas, 647 Va. (16Apr48)	Mar 52	Jan 59	CPS-4 FPS-3	1956-FPS-3;FPS-4 1957-CPS-4;FPS-3 1958-FPS-3;FPS-6; FPS-6A 1962-FPS-3;FPS-6; FPS-6A;FPS-35 1963-FPS-6A;FPS-26A; FPS-35	
P-56	Cape Charles, 771 Va.	Apr 52	Jan 59	CPS-4 FPS-3	1955-CPS-4;FPS-3; FPS-8 1956-CPS-4;FPS-3; GPS-3	

The PERMANENT RADAR NETWORK
1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
						1957-FPS-3; FPS-6; GPS-3
						1958-FPS-3; FPS-6(2); GPS-3
						1963-FPS-6; FPS-7B; FPS-26A
P-57	Naselle, Wash. 759 (27Nov50)	Dec 51	Feb 60	FPS-3 FPS-5		1955-FPS-3; FPS-5; FPS-8
						1956-FPS-3; FPS-6; GPS-3
						1958-FPS-6; FPS-6A; FPS-20A
						1962-FPS-6; FPS-6A; FPS-67
P-58	Mather AFB, Calif. 668	Oct 51	Jun 61	CPS-6B(2)		1958-CPS-6B(2); FPS-6 1959-CPS-6B; FPS-6; FPS-6B
						1960-FPS-6; FPS-6B; FPS-20A
						1961-FPS-20A; no H/F
P-59	Boron, Calif. 750 (27Nov50)	Feb 52	Apr 61	FPS-10(2)		1958-FPS-6; FPS-10(2) 1959-FPS-6; FPS-6A; FPS-10
						1961-FPS-6; FPS-6B; FPS-20A
						1963-FPS-26A; FPS-35; FPS-90
P-60	Colville, Wash. 760 (27 Nov50)	Feb 52	Aug 59	FPS-3 FPS-5		1956-FPS-3; FPS-6; GPS-3
						1958-FPS-6; FPS-6A; FPS-20
						1959-FPS-6; FPS-6B; FPS-20
						1960-FPS-6; FPS-6B; FPS-20A
						Ceased opn 1 Aug 60; Sq inact 1 Nov 60
P-61	Pt. Austin, Mich. 754	Jun 52	Aug 59	FPS-3		1954-CPS-4; FPS-3 1957-FPS-3; FPS-6
						1958-FPS-6(2); FPS-20
						1959-FPS-6(2); FPS-20A
						1962-FPS-6(2); FPS-20A FPS-24
						1963-FPS-6(2); FPS-24
P-62	Brookfield, Ohio 662	Apr 52		FPS-3 FPS-5		1957-FPS-3; FPS-4 1958-FPS-3; FPS-6
						Caretaker status 1 Nov 59 Became gap Filler RP-52

THE PERMANENT RADAR NETWORK
 1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
						Sq moved to Oakdale AI on 27 Jun 60
RP-62	Oakdale AI, Pa.	662		Apr 61		1961-ARSR-1A; FPS-6B(2) 1962-FPS-6B(2); FPS-20
						1963-FPS-20; FPS-24; FPS-26A; FPS-90
P-63	Blue Knob Park, Pa.	772	Apr 52		CPS-4 FPS-3	1956-FPS-3; FPS-4 1958-FPS-6(2); FPS-20
						1959-FPS-6; FPS-6A; FPS-20A
						Ceased opn Apr 61 Sq moved to Gibbsboro on 1 May 61.
RP-63	Gibbsboro, N.J.	772		May 62		1961-GPS-3; MPS-14 1962-FPS-6; FPS-66
						1963-FPS-6A; FPS-26A FPS-27; FPS-66
P-64	Kirksville, Mo. (1 May 51)	790	Apr 52	Sep 59	FPS-10(2)	1958-FPS-6A(2); FPS-10 1959-FPS-6A(2); FPS-10
						1963-FPS-6A; FPS-7C; FPS-10
P-65	Charleston, Me.	765	Apr 52	Feb 59	FPS-3 FPS-5	1957-FPS-3; FPS-6 1958-FPS-6(2); FPS-20
						1959-FPS-6A(2); FPS-20
						1960-FPS-6; FPS-6A; FPS-20A
						1963-FPS-6; FPS-6A; FPS-20; FPS-27
P-66	Sault Ste. Marie, Mich.	753	Apr 52	Jun 60	FPS-3 FPS-5	1956-FPS-3; FPS-5; FPS-6
						1957-FPS-3; FPS-6 1958-FPS-6; FPS-20
						1959-FPS-6; FPS-6A; FPS-20
						1961-FPS-6A(2); FPS-20
						1962-FPS-6; FPS-6B; FPS-20A
						1963-FPS-6; FPS-6B; FPS-20; FPS-35
P-67	Custer, Mich. (16 Apr 51)	781	Apr 52	Aug 59	CPS-4 FPS-3	1956-FPS-3; FPS-4 1958-FPS-6; FPS-20
						1959-FPS-6; FPS-6A; FPS-20A
						1960-FPS-6A(2); FPS-20
						1962-FPS-6; FPS-6A; FPS-66

THE PERMANENT RADAR NETWORK 1952-1963 - Continued		Sq No.-Activation Date	Manual Operations Date	SAGE Operations Date	Radar Equipment 1952	Changes 1952 - 1963
Site No.	Location					
P-68	Fordland, Mo. (1May51)	797	Jul 52			1953-FPS-3; FPS-4 1954-FPS-3; FPS-4; TPS-10D 1955-FPS-3; FPS-4 1958-FPS-3; FPS-4; FPS-6 1959-FPS-3; FPS-6 Ceased opn on 1 Aug 60 <u>Sq inact 1 Jun 61</u>
P-69	Finland, Minn.	756	Jul 52	Nov 59		1953-FPS-3; FPS-5 1956-FPS-3; FPS-6 1958-FPS-6; FPS-20 1959-FPS-6; FPS-6A; FPS-20 1961-FPS-6; FPS-6B; FPS-20 1962-FPS-6; FPS-6B; FPS-64 1963-FPS-26A; FPS-64; FPS-90
P-70	Bellevue, Ohio (1May 51)	798	May 52	Jul 62	CPS-4 FPS-3	1953-FPS-3 1954-CPS-4; FPS-3 1956-FPS-3; FPS-4 1958-FPS-3; FPS-6 1961-FPS-3; FPS-6(2) 1962-FPS-3; FPS-6; FPS-90 1963-FPS-3; FPS-6(2)
P-71	Omaha, Neb. (1May51)	789	Apr 52	Dec 61	CPS-4 FPS-3	1953-FPS-3 1955-FPS-3; FPS-4 1956-FPS-3; FPS-4; FPS-6 1958-FPS-6; FPS-20 1959-FPS-6; FPS-20A 1962-FPS-6; FPS-6A; FPS-20A
P-72	Olathe, Kans.	738	Apr 52	Dec 61	CPS-4 FPS-3	1954-FPS-3 1955-FPS-3; FPS-4 1958-FPS-6A(2); FPS-20 1959-FPS-6A(2); FPS-20A
P-73	Bellefontaine, Ohio	664	Apr 52	Aug 59	CPS-4 FPS-3	1953-FPS-3 1956-FPS-3; FPS-4 1958-FPS-6; FPS-6A; FPS-20 1960-FPS-6; FPS-6A; FPS-20A 1962-FPS-6; FPS-6A; FPS-66

THE PERMANENT RADAR NETWORK
1952-1963 - Continued

Site No.	Location	Sq No.-Activation Date	Manual Operations Date	Page Operations Date	Radar Equipment 1952	Changes 1952 - 1963
P-74	Madera, Calif. (27Nov50)	774 Jan 52	Dec 60	FPS-3 FPS-4	1958-FPS-3; FPS-6; FPS-6A	1959-FPS-6; FPS-20A 1960-FPS-6; FPS-6B; FPS-20 1961-FPS-6; FPS-6B; FPS-20A 1962-FPS-6; FPS-6B; FPS-66 1963-FPS-6; FPS-66; FPS-90
P-75	Lackland AFB, Tex.	741 May 52		FPS-3 FPS-4	1958-FPS-4; FPS-20A 1959-FPS-6; FPS-20A	
P-76	Mt. Laguna, Calif. (27Nov50)	751 Apr 52	Apr 61	CPS-4 FPS-3	1955-FPS-3; FPS-8 1956-FPS-3; FPS-6; GPS-3 1960-FPS-3; FPS-6; FPS-6A; GPS-3 1961-FPS-3; FPS-6; FPS-6B 1962-FPS-6; FPS-6B; FPS-7C 1963-FPS-6; FPS-7C; FPS-90	
P-77	Bartlesville, Okla.	796 May 52		FPS-10(2)	1958-FPS-6; FPS-10 Ceased opn 1 Aug 60 Sq inact 1 Jun 61	
P-78	Duncanville, Tex.	745 Apr 52		FPS-10(2)	1958-FPS-6; FPS-10(2) 1959-FPS-6; FPS-10	
P-79	Ellington AFB, Tex.	747 Apr 52		FPS-10(2)	1955-FPS-8; FPS-10(2) 1956-FPS-10(2); GPS-3 1957-FPS-6; FPS-10(2); GPS-3 1958-FPS-6; FPS-10; GPS-3 1960-FPS-6; GPS-3 1961-ARSR-1A; FPS-6	
P-80	Caswell, Me.	766 Jul 52	Feb 59	FPS-10(2)	1955-FPS-8; FPS-10(2) 1956-FPS-10(2); GPS-3 1957-FPS-10(2) 1958-FPS-6A(2); FPS-10; GPS-3 1960-FPS-6A(2); GPS-3 1961-FPS-6A(2); FPS-7C GPS-3 1962-FPS-6A(2); FPS-7C 1963-FPS-6A; FPS-7C	



AN/FPS-6



AN/FPS-20

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GROUND RADAR SITES -- 1963 - 1972

Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Cps	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-2	Cambria AFS, CA	P-2	775	7 Mar 51	Jan 52	Apr 61	FPS-7C FPS-6 FPS-26A			FPS-7 FPS-6 FPS-26A	
Z-9	Highlands AFS, NJ	P-9	646	16 Apr 48	Oct 51	Jun 58	FPS-7 FPS-90 FPS-26A			FPS-7 FPS-90 FPS-26A	1 Jul 66
Z-10	N. Truro AFS, MA	P-10	762	7 Feb 51	Oct 51	Sep 58	FPS-7 FPS-90 FPS-26A			FPS-7B FPS-90 FPS-26A	
Z-12	N. Bend AFS, OR	P-12	761	7 Feb 51	Feb 52	Jun 60	FPS-7 FPS-90 FPS-26A			FPS-7 FPS-90 FPS-26A	
Z-13	Brunswick AFS, ME	P-13	654	Dec 49	Oct 51	Feb 59	CPS-3 FPS-6 (2)			CPS-3 FPS-6 (2)	25 Jun 65
Z-14	St. Albans AFS, VT	P-14	764	1 Jan 51*	Sep 51	Feb 59	FPS-7C FPS-6 FPS-26A		FPS-6 (68)	FPS-7 FPS-26A	
Z-15	Lompoc AFS, CA	P-15	669	1 Jan 51*		Mar 63	FPS-67 FPS-6A	FPS-6 (64)		FPS-67 FPS-6A FPS-6	18 Jun 68
Z-16	Calumet AFS, MI	P-16	665	1 Jan 51*	Apr 63	Jun 60	FPS-64 FPS-27 FPS-26A FPS-90		FPS-64 (63) FPS-90 (69)	FPS-27 FPS-26A	
Z-17	Wadena AFS, MN	P-17	739	1 Feb 53*	Jun 52	Dec 59	FPS-64 FPS-6 FPS-90	FPS-64A (67)	FPS-90 (69)	FPS-64A FPS-6	30 Sep 70

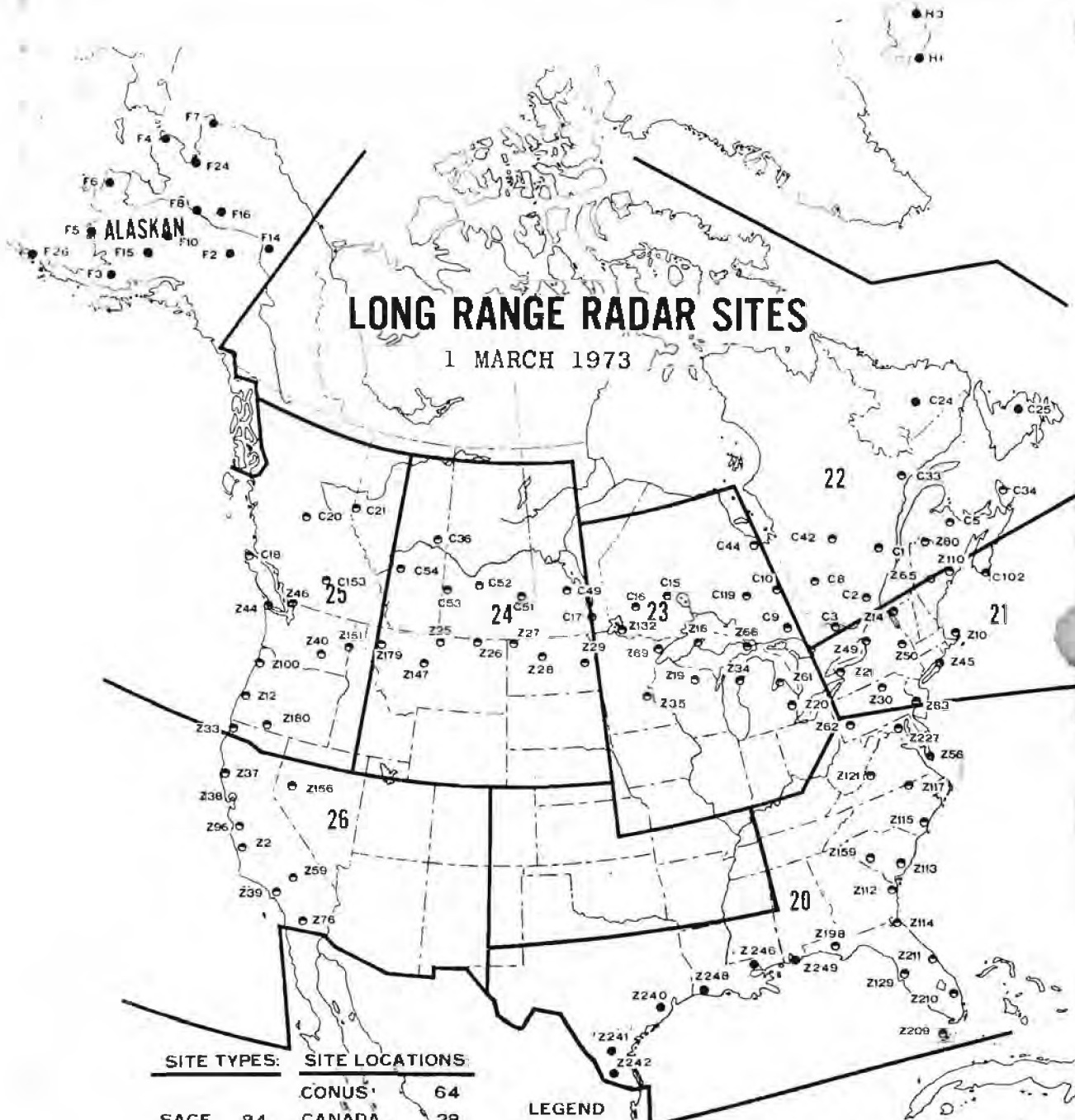
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North Truro AFS, Mass. (Z-10)



SITE TYPES:		SITE LOCATIONS	
	CONUS		64
SAGE	84	CANADA	28
MANUAL	21	ALASKA	13
TOTAL 105		TOTAL 105	

LEGEND
 ○ SAGE
 ● MANUAL

NOTE: Figures include 5 FAA radars (4 manual & 1 SAGE) but do not include the 2 Iceland based radars under operational control of CINCLANT.

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-18	Chandler AFS, MN	P-18	797	27 Jun 51	Jun 52	Mar 61	FPS-64 FPS-6 FPS-26	FPS-27 (65)	FPS-64 (65)	FPS-27 FPS-6 FPS-26	30 Sep 69
Z-19	Antigo AFS, WI	P-19	676	1 May 51	Jun 52	Jun 60	FPS-35 FPS-6 FPS-6B	FPS-90 (64) FPS-90 (67)	FPS-6B (63) FPS-80(68)	FPS-35 FPS-90	
Z-20	Selfridge AFB, MI	P-20	661	Dec 49	Oct 51	Aug 59	FPS-35 FPS-6A FPS-26A		FPS-6A (68)	FPS-35 FPS-26A	
Z-21	Lockport AFS, NY	P-21	763	1 Jan 51*	Sep 51	Dec 58	FPS-7 FPS-6 FPS-26		FPS-6(68)	FPS-7 FPS-26	
Z-24	Jut Bank AFS, MT	P-24	681	1 Mar 51	Apr 52	Feb 61	FPS-66 FPS-6B (2)	FPS-90(64) FPS-26A (64)	FPS-6B (2)(63)	FPS-66 FPS-90 FPS-26A	25 Jun 65
Z-25	Havre AFS, MT	P-25	778	1 Mar 51	Apr 52	Feb 61	FPS-3 FPS-6 GPS-3 FPS-6B	FPS-27(65) FPS-90(64)	FPS-3(65) FPS-6B (64) GPS-3(65) FPS-90(69)	FPS-27 FPS-6	
Z-26	Opheim AFS, MT	P-26	779	1 Mar 51	Apr 52	Jun 61	FPS-7C FPS-90 FPS-26A		FPS-90	FPS-7 FPS-26A	
Z-27	Fortuna AFS, ND	P-27	780	1 Mar 51	Apr 52	Jul 61	FPS-20A FPS-35 FPS-6 FPS-90	FPS-64(65) FPS-26A (64)	FPS-20(63) FPS-64(67) FPS-6(64) FPS-90(69)	FPS-35 FPS-26A	
Z-28	Minot AFS, ND	P-28	786	20 May 51	Apr 52	Jun 61	FPS-66 FPS-6 FPS-6A	FPS-26(64) FPS-90(64) FPS-21(65)	FPS-6(64) FPS-6B(64) FPS-66(65) FPS-90(68)	FPS-27 FPS-26A	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
4-29	Winley AFB, ND	P-29	785	10 Apr 51	Apr 52	Dec 59	FPS-35 FPS-6 FPS-90		FPS-6 (69)	FPS-35 FPS-90	
Z-30	Benton AFS, PA	P-30	648	16 Apr 48	Oct 51	Dec 58	FPS-35 FPS-6 FPS-26A			FPS-35 FPS-6 FPS-26A	
Z-31	Arlington Heights, IL	RF-31	755	27 Nov 50	Oct 51	Jan 62	FPS-67 FPS-6 FPS-90	FPS-67B (66)		FPS-67B FPS-6 FPS-90	30 Sep 69
Z-32	Condon AFS, OR	P-32	636	21 May 47	Mar 52	Jul 60	FPS-66 FPS-6 FPS-6A	FPS-27 (64)	FPS-66 (64) FPS-6 (68)	FPS-27 FPS-6A	30 Sep 70
Z-33	Klamath AFS, CA	P-33	777	18 Dec 50	Apr 52	Jun 60	FPS-66 FPS-90 FPS-26A	FPS-27 (64)		FPS-27 FPS-26A FPS-90	
Z-34	Empire AFS, MI	P-34	752	1 Jan 51*	Nov 51	Jun 60	FPS-7 FPS-6 FPS-26A		FPS-6 (68)	FPS-7 FPS-26A	
Z-35	Osceola AFS, WI	P-35	674	1 Jan 51*	Dec 51	Nov 59	FPS-7 FPS-90 (2)			FPS-7 FPS-90	
Z-37	Point Arena AFS, CA	P-37	776	18 Dec 50	Dec 51	Dec 60	FPS-24 FPS-90 FPS-26A			FPS-24 FPS-26A FPS-90	
Z-38	Mill Valley AFS, CA	P-38	666	27 Nov 50	Oct 51	Dec 60	FPS-7C FPS-6 FPS-6B	FPS-26A (64) FPS-90 (64)	FPS-26A (66) FPS-6 & 6A (63)	FPS-7 FPS-90	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-39	San Pedro Hill AFS, CA	P-39	670	1 Jan 51*	May 52	Mar 61	ARSR FPS-6B FPS-26A	FPS-27(64) FPS-26A(64) FPS-90(64) ARSR-1E(70)	ARSR(64) FSP-6B(64) FPS-27(69)	ARSR-1E FPS-26 FPS-90++	
Z-40	Othello AFS, WA	P-40	637	21 May 47	Jan 52	Jul 60	FPS-7C FPS-6 FPS-6A	FPS-26A (64)	FPS-6 (63)	FPS-7C FPS-6A FPS-26A	
Z-43	Cuthrie AFS, WV	P-43	783	16 Apr 51	Jun 52	Nov 62	FPS-67 FPS-6(2)		FPS-6(1) (66)	FPS-67 FPS-6	18 Jun 68
Z-44	Makah AFS, NY	P-44	758	27 Nov 50	Jan 52	Feb 60	FPS-7A FPS-90 FPS-26A			FPS-7A FPS-90 FPS-26A	
Z-45	Montauk AFS, NY	P-45	773	27 Nov 50	Mar 52	Jun 58	FPS-35 FPS-6 FIS-26			FPS-35 FPS-6 FPS-26	
Z-46	Blaine AFS, WA	P-46	757	27 Nov 50	Jan 52	Feb 60	FPS-24 FPS-6A FPS-26A			FPS-24 FPS-6A FPS-26A	
Z-47	Hutchinson AFS, KS	P-47	793	1 May 51	May 52	Dec 61	FPS-66 FPS-6A FPS-26A	FPS-90(64) FPS-27(64) FPS-66A (66)	FPS-26A (64)	FPS-66A FPS-6A FPS-90	8 Sep 68
Z-49	Watertown AFS, NY	P-49	655	Dec 49	Jun 52	Dec 58	FPS-66 FPS-6 FPS-26A	FPS-27(64)	FPS-6(64) FPS-66(64)	FPS-27 FPS-26A	
Z-50	Saratoga Sprs AFS, NY	P-50	656	Dec 49	Apr 52	Sep 58	FPS-65 FPS-27 FPS-90 FPS-26A		FPS-65(65)	FPS-27 FPS-26A FPS-90	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops
Z-52	Okla. City AFS, OK	P-52	746	1 Feb 53+	May 52	
Z-53	Rockville AFS, IN	P-53	782	16 Apr 51	May 52	Sep 59
Z-54	Palermo AFS, NJ	P-54	680	1 Mar 51	Apr 52	Jun 58
Z-55	Manassas AFS, VA	P-55	647	16 Apr 48	Mar 52	Jan 59
Z-56	Cape Charles AFS, VA	P-56	771	1 Jan 51*	Apr 52	Jan 59
Z-57	Naselle AFS, WA	P-57	759	27 Nov 50	Dec 51	Feb 60
Z-58	Mather AFB, CA	P-58	Det 1 666		Oct 51	Jun 61
Z-59	Boron AFS, CA	P-59	750	27 Nov 50	Feb 52	Apr 61
Z-61	Port Austin AFS, MI	P-61	754	1 Jan 51*	Jun 52	Aug 59

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Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
FPS-67 FPS-6	FPS-67B (65)		FPS-67B FPS-6	8 Sep 68
FPS-7B FPS-6(2)			FPS-7B FPS-6(2)	25 Jun 66
FPS-65 FPS-6(2)		FPS-6(1) (68)	FPS-65 FPS-6	30 Mar 70
FPS-35 FPS-6A FPS-26A			FPS-35 FPS-6A FPS-26A	25 Jun 65
FPS-7B FPS-6 FPS-26A			FPS-7 FPS-6 FPS-26A	
FPS-67 FPS-6 FPS-6A	FPS-26A (65)	FPS-6A (66)	FPS-67 FPS-6 FPS-26A	25 Jun 65
FPS-20A			FPS-20A	1 Sep 66
FPS-35 FPS-90 FPS-26A	FPS-67 (70)	FPS-90(68) FPS-35(69)	FPS-67 FPS-26A	
FPS-24 FPS-6(2)	FPS-26A (64)	FPS-6(64) FPS-6(68)	FPS-24 FPS-26A	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops
Z-62	Oakdale AFS, PA	RF-62	662	1 Jan 51*	Apr 52	Apr 61
Z-63	Gibbsboro AFS, NJ	RF-63	772	1 Jan 51*	Apr 52	May 62
Z-64	Kirksville AFS, MO	P-64	790	1 May 51	Apr 52	Sep 59
Z-65	Charleston AFS, ME	P-65	765	1 Jan 51*	Apr 52	Feb 59
Z-66	Sault Ste Marie AFS, MI	P-66	753	1 Jan 51*	Apr 52	Jun 60
Z-67	Custer AFS, MI	P-67	781	16 Apr 51	Apr 52	Aug 59
Z-69	Finland AFS, MN	P-69	756	1 Jan 51*	Jul 52	Nov 59
Z-70	Belleville AFS, IL	P-70	798	1 May 51	May 52	Jul 62
Z-71	Omaha AFS, NE	P-71	789	1 May 51	Apr 52	Dec 61

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Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
FPS-20 FPS-24 FPS-90 FPS-26A		FPS-20 (66)	FPS-24 FPS-90 FPS-26A	31 Dec 69
FPS-66 FPS-27 FPS-6A FPS-26A		FPS-66 (64)	FPS-27 FPS-6A FPS-26A	
FPS-10 FPS-7C FPS-6A	FPS-6A (64)	FPS-10 (63)	FPS-7C FPS-6A (2)	8 Sep 68
FPS-20 FPS-27 FPS-6 FPS-6A	FPS-26A (64)	FPS-20(63) FPS-6(64) FPS-26A(66)	FPS-27 FPS-6A	
FPS-20 FPS-35 FPS-6 FPS-6B	FPS-90(64) FPS-26A (64)	FPS-20(63) FPS-6(63) FPS-6B(63)	FPS-35 FPS-26A FPS-9	
FPS-66 FPS-6 FPS-6A			FPS-66 FPS-6 FPS-6A	25 Jun 65
FPS-64 FPS-90 FPS-26A	FPS-27 (64)	FPS-64 (64) FPS-90 (70)	FPS-27 FPS-26A	
FPS-3 FPS-6(2)	FPS-66(64) FPS-66A (65)	FPS-3 (63)	FPS-66A FPS-6 (2)	18 Jun 68
FPS-20A FPS-6 FPS-6A	FPS-66(64) FPS-66A (67)	FPS-20A (63)	FPS-66A FPS-6 FPS-6A	8 Sep 68

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-72	Olathe AFS, KS	P-72	738	1 Feb 53+	Apr 52	Dec 61	FPS-20A FPS-6A(2)			FPS-20A FPS-6A (2)	8 Sep 68
Z-73	Bellefontaine AFS, OH	P-73	664	1 Jan 51*	Apr 52	Aug 59	FPS-66 FPS-6 FPS-6A	FPS-27(64) FPS-26A (64)	FPS-66(63) FPS-6A (63)	FPS-27 FPS-6 FPS-26A	30 Sep 69
Z-74	Madera AFS, CA	P-74	774	27 Nov 50	Jan 52	Dec 60	FPS-66 FPS-6 FPS-90			FPS-66 FPS-6 FPS-90	25 Jun 66
Z-75	Lackland AFB, TX	P-75	741	1 Feb 53+	May 52		FPS-20A FPS-6	FPS-91A (65) FPS-66A (69)	FPS-20A (64) FPS-91A (68)	FPS-66A FPS-6	31 Dec 69
Z-76	Mt Laguna AFS, CA	P-76	751	27 Nov 50	Apr 52	Apr 61	FPS-7C FPS-6 FPS-90	FPS-26A (64) FPS-7E (66)	FPS-6(64) FPS-26A (66)	FPS-7E FPS-90	
Z-78	Perrin AFS, TX	P-78	745	1 Feb 53+	Jul 62		FPS-20 FPS-6	FPS-20A (64) FPS-66(65)	FPS-20A (65)	FPS-66 FPS-6	30 Sep 69
Z-79	Ellington AFB, TX	P-79	747	1 Feb 53+	Apr 52		ARSR-1A FPS-6	ARSR-1E (64)		ARSR-1E FPS-6	31 Dec 69
Z-80	Caswell AFS, ME	P-80	766	1 Jan 51*	Jul 52	Feb 59	FPS-7C FPS-6A	FPS-26A (64)		FPS-7C FPS-6A FPS-26A	
Z-81	Waverly AFS, IA	P-81	788	10 Apr 51	Apr 52	Sep 59	FPS-10 FPS-6A FPS-90	FPS-27(64) FPS-26A (65)	FPS-1C(64) FPS-6A(68)	FPS-27 FPS-90 FPS-26A	30 Sep 69

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-82	Snow Mountain AFS, KY	P-82	784	16 Apr 51	May 52	Mar 63	FPS-67 FPS-6(2)	FPS-67B (65)		FPS-67B FPS-6(2)	18 Jun 68
Z-85	Hanna City AFS, IL	P-85	791	10 May 51	May 52	Sep 59	FPS-20A FPS-6A FPS-90	FPS-67 (64) FPS-67B(66)	FPS-20A (64)	FPS-67B FPS-90	18 Jun 68
Z-88	Amarillo AFB, TX	M-88	688	1 Oct 53	May 55		FPS-20A FPS-64	FPS-67B (66)	FPS-20A (66)	FPS-67B FPS-6A	8 Sep 68
Z-89	Sweetwater AFS, TX	M-89	683	1 Dec 53	Apr 56		MPS-11 FPS-90	FPS-27(64) FPS-20(65) FPS-67A(66) FPS-90(66) MPS-14(65) FPS-67B(67)	MPS-11(63) FPS-90 (64)	FPS-67B FPS-90	30 Sep 69
Z-91	Texarkana AFS, AR	M-91	703	1 Dec 53	Jun 55		FPS-20A MPS-14	FPS-91A (66)	FPS-20A (65)	FPS-91A MPS-14	8 Sep 68
Z-92	Mt Lemmon AFS, AZ	M-92	684	1 Dec 53	Aug 56	Sep 61	FPS-67 MPS-14 FPS-6	FPS-67B (66)	FPS-6(68)	FPS-67B MPS-14	31 Dec 69
Z-94	West Mesa AFS, NM	M-94	687	1 Oct 53	Jul 56		FPS-20A MPS-14	FPS-91A (66)	FPS-20A (66)	FPS-91A MPS-14	8 Sep 68
Z-96	Almaden AFS, CA	M-96	682	1 Dec 53	Apr 58	Dec 60	FPS-24 MPS-14 FPS-90			FPS-24 MPS-14 FPS-90	
Z-98	Miles City AFS, MT	M-98	902	20 May 53	Aug 55	Jan 61	FPS-66 MPS-14 FPS-6B	FPS-27 (65)	FPS-66(64) MPS-14 (67)	FPS-27 FPS-90	18 Jun 68

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-99	Gettysburg AFS, SD	M-99	903	20 May 53	Apr 56	Dec 59	FPS-66 MPS-14 FPS-90	FPS-27 (64)	FPS-66 (64)	FPS-27 MPS-14 FPS-90	18 Jun 68
Z-100	Mc Hebo AFS, OR	M-100	689	1 Oct 53	Oct 56	Jun 60	MPS-11 FPS-24 FPS-90 FPS-26	FPS-26A (65) FPS-27 (69)	MPS-11(63) FPS-26(67) FPS-24(68)	FPS-27 FPS-90	
Z-110	Bucks Harbor AFS, ME	M-110	907	26 May 53	Apr 56	Jan 60	FPS-24 FPS-6B FPS-90	FPS-26A (64) FPS-66A (69)	FPS-6B(64) FPS-24(64)	FPS-66A FPS-90 FPS-26A	
Z-111	Marietta AFS, GA	M-111	908	25 Jun 53	Oct 56	Jul 62	ARSR-1A FPS-6(2)	ARSR-1E (64)		ARSR-1E FPS-6(2)	8 Sep 68
Z-112	Hunter AFB, GA	M-112	702	1 Dec 53	Dec 55	Sep 62	FPS-67 MPS-14 FPS-26	FPS-67B (66)	MPS-14 (68)	FPS-67B FPS-26	
Z-113	No. Charleston AFS, SC	M-113	792	1 Nov 53	Jun 55	Oct 62	FPS-66 MPS-14 FPS-26	FPS-27 (64)	FPS-66 (66)	FPS-27 FPS-26 MPS-14	
Z-114	Jacksonville NAS, FL	M-114	679	1 Sep 53	Mar 59		FPS-66 FPS-6(2)	FPS-66A (66)	FPS-6 (1) (69)	FPS-66A FPS-6	
Z-115	Ft Fisher AFS, NC	M-115	701	1 Dec 53	Dec 55	Jan 63	FPS-7C MPS-14 FPS-26		FPS-26 (66)	FPS-7C MPS-14	
Z-117	Roanoke Rapids AFS, NC	M-117	632	20 May 53	Feb 56	Jan 59	MPS-11 FPS-6 FPS-6A	FPS-27 (64) FPS-26A (64)	MPS-11 (64) FPS-6(64)	FPS-27 FPS-6A FPS-26A	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-118	Burns AFS, OR	M-118	634	20 Jun 53	Oct 55	Jan 61	FPS-7B FPS-90(2)	FPS-66 (65) FPS-66A (68)	FPS-7B(69) FPS-90(1) (68)	FPS-66A FPS-90	30 Sep 70
Z-121	Bedford AFS, VA	M-121	649	26 May 53	Feb 56	Feb 59	FPS-67 FPS-6(2)		FPS-6(68)	FPS-67 FPS-6	
Z-126	Houma AFS, LA	M-126	657	18 Jun 53	Dec 55	Feb 61	FPS-67 MPS-14 FPS-90	FPS-67B (66)	MPS-14 (68) FPS-90(69)	FPS-67B	30 Sep 70
Z-127	Winnemucca AFS, NV	M-127	658	20 Jun 53	Sep 56	Jan 61	FPS-66 FPS-90(2)		FPS-90(1) (67)	FPS-66 FPS-90	18 Jun 68
Z-129	MacDill AFB, FL	M-129	660	Dec 49	Feb 55	Mar 60	FPS-7B FPS-90 FPS-26	FPS-7E(66)	FPS-26(66)	FPS-7E FPS-90	
Z-130	Winston Salem AFS, NC	M-130	810	23 Jun 53	Oct 57	Jan 63	FPS-24 FPS-6A FPS-26		FPS-6A (68)	FPS-24 FPS-26	31 Jul 70
Z-132	Baudette AFS, MN	SM-132	692	8 Aug 58		Nov 59	FPS-24 FPS-90 FPS-26A		FPS-90 (69)	FPS-24 FPS-26A	
Z-133	Hastings AFS, NE	SM-133	625	1 Jan 62		Nov 62	FPS-67B FPS-6(2)			FPS-67B FPS-6(2)	3 Sep 68
Z-134	Pickstown AFS, SD	SM-134	695	18 Apr 61		Dec 61	FPS-66 FPS-6(2)			FPS-66 FPS-6(2)	8 Sep 68

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-147	Malmstrom AFB, MT	SM-147	801	Feb 56 *** 30 Jun 71	Sep 57	Feb 61	FPS-20A FPS-6 FPS-90	FPS-24 (64)	FPS-20A (64)	(FPS-24, 6, & 90) FPS-65 FPS-90++	31 Dec 69 (69) ***
Z-149	Baker AFS, OR	SM-149	821	Sep 57		Feb 63	FPS-35 FPS-6	FPS-6A (64)	FPS-6(66)	FPS-35 FPS-6A	18 Jun 68
Z-150	Cottonwood AFS, ID	SM-150	822	Feb 57	Mar 59	Jul 60	FPS-24 FPS-6 FPS-6B	FPS-90 (64)	FPS-6B (64)	FPS-24 FPS-6 FPS-90	1 Jul 65
Z-151	Mica Peak AFS, WA	SM-151	823	Feb 57	Apr 58	Jul 60	FPS-67 MPS-14 FPS-90	FPS-67B (67)	MPS-14	FPS-67B FPS-90	
Z-156	Fallon NAS, NV	SM-156	858	8 Oct 55	Nov 56	May 63	FPS-35 MPS-14	FPS-6(64)	MPS-14 (69)	FPS-35 FPS-6	
Z-157	Red Bluff AFS, CA	SM-157	859	8 Nov 51	Aug 56	Jun 60	MPS-11 FPS-67 FPS-6 FPS-90	FPS-67B (65)	MPS-11 (63)	FPS-67B FPS-6 FPS-90	30 Sep 70
Z-159	Aiken AFS, SC	SM-159	861	8 Apr 55	Dec 55	Jul 62	FPS-7C MPS-14 FPS-26A		MPS-14 (68)	FPS-7 FPS-26	
Z-163	Las Vegas AFS, NV	SM-163	865	8 Nov 55	Sep 56	Sep 61	FPS-20A MPS-14 FPS-26A	FPS-27 (64)	FPS-20 (65) MPS-14(68)	FPS-27 FPS-26	31 Dec 69
Z-164	Tonopah AFS, NV	SM-164	866	8 Oct 55	Feb 57	Jun 61	FPS-7C FPS-90(2)		FPS-90(1) (69)	FPS-7C FPS-90	30 Sep 70

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-177	Dickinson AFS, ND	TM-177	706	8 Dec 57	Jun 59	Nov 63	FPS-66 FPS-90(2)			FPS-66 FPS-90(2)	25 Jun 65
Z-178	Lewistown AFS, MT	TM-178	694	8 Aug 58	Feb 60	Mar 61	FPS-3A FPS-6A FPS-90	FPS-66(64) FPS-66A (66)	FPS-3A(63) FPS-90 (68)	FPS-66A FPS-6A	30 Jun 71
Z-179	Kalispell AFS, MT	TM-179	716	1 Oct 58		Jul 61	FPS-7B FPS-90(2)		FPS-90(1) (69)	FPS-7B FPS-90	
Z-180	Keno AFS, OR	TM-180	827	8 Sep 57	Feb 59	Jun 60	FPS-67 FPS-6A FPS-90	FPS-67B (66)		FPS-67B FPS-6A FPS-90	
Z-181	Luke/Williams Range, AZ	TM-181	612	8 Mar 57	Jul 59	Sep 61	FPS-7C FPS-6A FPS-26		FPS-6A (68)	FPS-7C FPS-26	31 Dec 69
Z-195	Crystal Springs AFS, MS	TM-195	627	Sep 57		Jun 64	FPS-27 FPS-6A FPS-90			FPS-27 FPS-6A FPS-90	8 Sep 68
Z-196	Dauphin Island AFS, AL	TM-196	693	Apr 58	Jan 59	Mar 60	FPS-90 FPS-7A FPS-6A		FPS-90 (68)	FPS-7A FPS-6A	30 Sep 70
Z-197	Thomasville AFS, AL	TM-197	698	Dec 57		Jun 65	FPS-35 FPS-90(2) (as of '65)			FPS-35 FPS-90(2)	31 Dec 69
Z-198	Tyndall AFB, FL	TM-198	678	Feb 56	Aug 57	Mar 60	FPS-64 FPS-6(2)	FPS-64A (65)	FPS-6(69)	FPS-64A FPS-6	

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Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Jun 63	Equip't New	Change Removed	Equip't Inact'n/ Jun 72	Inacti- vation
Z-199	Eufaula AFS AL	TM-199	609	Dec 57		Nov 63	FPS-24 FPS-90 FPS-26A			FPS-24 FPS-90 FPS-26A	8 Sep 68
Z-200	Cross City AFS, FL	TM-200	691	Mar 58	Aug 59	Mar 60	FPS-66 FPS-6A(2)	FPS-66A (67)	FPS-6A(1) (69)	FPS-66A FPS-6A	30 Sep 70
Z-201	Sundance AFS, WY	TM-201	731	1 Dec 60		Jul 62	FPS-7C FPS-6 FPS-26			FPS-7C FPS-6 FPS-26	18 Jun 68
Z-209	Key West AFS, FL	Z-209	671	15 Nov 61	Jan 62		FPS-37 FPS-6A	FPS-67(64) FPS-90(2) (64) FPS-67A(66)	FPS-37(64) FPS-6A(64)	FPS-67B FPS-90(2)	
Z-210	Richmond AFS, FL	Z-210	644	1 Jan 51*	Feb 59	Nov 62	ARSR-1A FPS-6(2)	ARSR-1F (65)		ARSR-1F FPS-6(2) ++	
Z-211	Patrick AFB, FL	Z-211	645	28 Jun 62	Jan 60	Mar 63	FPS-66 FPS-6(2)	FPS-66A (66)		FPS-66A FPS-6(2)	
Z-227	Ft George G. Meade, MD	Z-227**	770	1 Jan 51*		Feb 62	FPS-67 FPS-6 FPS-90	FPS-90(1) (64) FPS-67B (66)	FPS-6(64) FPS-90(1) (69)	FPS-67B FPS-90	

* Assigned to ADC.

** Unit moved from Palermo AFS (P-54), NJ, to Fort George G. Meade, MD, 1 Oct 61 and redesignated Z-227.

*** Unit activated Feb 56, inactivated 31 Dec 69, and activated 30 Jun 71.

+ Variance between unit activation date and site manual operation date due to equipment being operated initially by ANG AC&W squadrons. AC&W squadrons federalized in 1951; returned to state control in 1953.

++ ADC maintained radar squadrons at these locations to operate height finder equipment and provide air defense support required from the search equipment; however, search radars were FAA-owned, operated, and maintained.

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SOUTHERN DEFENSE NETWORK



- ★ REGION HEADQUARTERS
- ★ FAA RADARS
- ▶ ALERT INTERCEPTORS



SOUTHERN AIR DEFENSE SYSTEM
(as of 1 Jan 73)

Site #	Location	Oper't'g Agency	Mil. Designation	Unit Inactivation	Unit Activation	Equip Oper't'l
MNCC	Houston Int'l TX	FAA	630 Rad Sq ***		1 Aug 72 +++	5 Oct 72
Z-240	Ellington AFS TX	FAA	OL AC, 630		1 Oct 72 +++	5 Oct 72
Z-241	Lackland AFB, TX	FAA	OL AD, 630		1 Sep 72 ++++	5 Oct 72
Z-242	Oilton, TX	FAA	OL AB, 630		1 Sep 72 ++++	5 Oct 72
Z-243	Odessa, TX	FAA	OL AA, 630		1 Sep 72 ++++	
Z-244	El Paso, TX	FAA	OL AH, 4629ADS+		1 Sep 72 ++++	
Z-245	Silver City, NM	FAA	OL AG 4629ADS+		1 Sep 72 ++++	
Z-246	New Orleans (Slidell), LA	FAA	OL AE, 630		1 Sep 72 ++++	5 Oct 72
Z-247	Phoenix, AZ	FAA	OL AF, 4629ADS+		1 Sep 72 ++++	
Z-248	Lake Charles, LA	TAC*	Det 1, 630 ++	1 Jan 73 634 Rad Sq	1 Jan 73	31 Dec 72
Z-249	Dauphin Isl., AL	ADC** (635RadSq)	Det 2, 630	1 Jan 73++ 635 Rad Sq	1 Jan 73	31 Dec 72

* AF directed TAC to set up a mobile search radar awaiting the installation of ADC facilities in 4th quarter FY73. Operation will be transferred to ADC upon completion of installation.

** SO G-309, ADC, 24 Nov 72 inactivated Det 2, 630 Rad Sq and activated 635 Radar Squadron, effective 1 Jan 73.

*** 630th, 634th, and 635th Squadron designation moved from inactivated stations at Otis AFB, MA, Burns AFS, OR, and Ft Lawton AI, WA, respectively.

+ SO G-21, ADC, 8 Feb 72 inactivated 4629th Sup Sq(SAGE) and activated 4629th Air Defense Sq(SAGE) at Luke AFB, AZ

++ SO G-309, ADC, 24 Nov 72 inactivated Det 1, 630 Rad Sq and activated 634th Radar Sq., effective 1 Jan 73.

+++ SO G-166, ADC, 18 Jul 72 activated 630th Radar Sq. on 1 Aug 72 and activated OL AC, 630 Rad Sq. on 1 Oct 72.

++++ SO G-187, ADC, 3 Aug 72 activated Operating Locations AA, AB, AD, AE, AF, AG, and AH on 1 Sep 72.

SOUTHERN AIR DEFENSE SYSTEM

EQUIPMENT
(as of 12 Apr 73)

Site #	Location	Search	Height Finder
Z-240	Ellington AFS, TX	ARSR-1	FPS-90
Z-241	Lackland AFB, TX	FPS-66	FPS-6**
Z-242	Oilton, TX	FPS-66	FPS-6**
Z-243	Odessa, TX	ARSR-1	FPS-6**
Z-244	El Paso, TX	ARSR-1	FPS-6**
Z-245	Silver City, NM	ARSR-2	FPS-6**
Z-246	New Orleans (Slidell), LA	ARSR-1	FPS-6**
Z-247	Phoenix, AZ	ARSR-1	FPS-6**
Z-248	Lake Charles, LA	TPS-43*	FPS-6**
Z-249	Dauphin Isl., AL	FPS-93	FPS-6

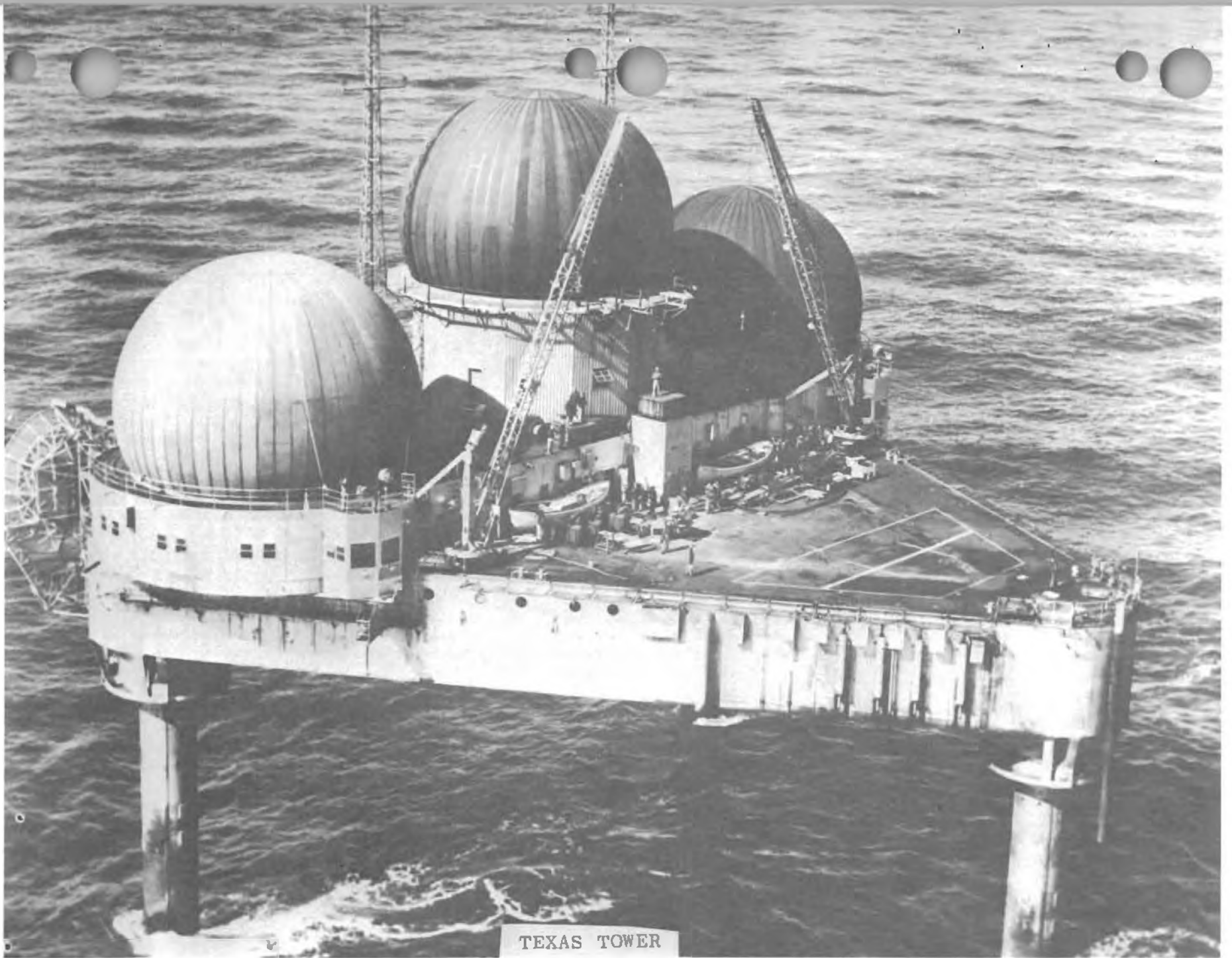
* FPS-93 was being installed.

** FPS-6 was being installed with a tentative completion date at all locations of 30 Jun 73.

Section III

TEXAS TOWERS
1956-1963





TEXAS TOWER

RADAR PROGRAM -- TEXAS TOWERS, 1956 - 1963

Site	Location	Prev. #	Sq	Act' v'n	Manual Ops	SAGE Ops	Equip't Activation	Equip't new	Change Removed	Equip't Inact'n	Inacti- vation
TT-2	George's Shoal, NY		762* 4604*	2 Dec 55	May 56	Sep 58	1956 FPS-3A FPS-6(2)	FPS-3(58); FPS-3A(58) FPS-20(59) FPS-3(59) FPS-67 FPS-6(2) FPS-67(61) FPS-20(61)			15 Jan 63
TT-3	Nantucket Shoal, MA		4604*	29 Nov 56		Oct 58	FPS-6(2) FPS-20	FPS-20A FPS-20A(60) (61) FPS-67(61)		FPS-6(2) FPS-67	25 Mar 63
TT-4	New York Shoal, NY		4604*	Nov 57	Apr 59	Apr 60	Apr 59 FPS-6A(2) FPS-20	FPS-20A (60)		FPS-6A(2) FPS-20A	15 Jan 61 (Tower Collapsed)
<p>* Support responsibility transferred from 762d AC&W Squadron, North Truro AFS, MA, to 4604th AC&W Squadron (Texas Towers), Otis AFB, MA, 8 October 1956. 4604th AC&W Squadron (Texas Towers) activated 28 September 1956; redesignated 4604th Support Squadron (Texas Towers) on 31 December 1956.</p>											

RADAR DESCRIPTION

ARSR-1/2	FAA, Long Range Search.
AN/FPS-3	Medium Range Search.
AN/FPS-6, 6A	Long Range Height.
6B	Long Range Height.
AN/FPS-7, 7B	FD, Long Range Search.
7C	FD, Long Range Search.
AN/FPS-7A	FD, Long Range Search and Height.
AN/FPS-8	Medium Range Search.
AN/FPS-10	Medium Range Search and Height.
AN/FPS-14	Short Range Search (Gap Filler).
AN/FPS-18	Short Range Search (Gap Filler).
AN/FPS-19	Medium Range Search (DEW).
AN/FPS-20	Long Range Search.
AN/FPS-20A	Long Range Search.
AN/FPS-23	Doppler Type Radar (DEW).
AN/FPS-24	FD, Long Range Search.
AN/FPS-26	FD, Long Range Height.
AN/FPS-26A	FD, Long Range Height.
AN/FPS-27	FD, Long Range Search.
AN/FPS-30	Long Range Search (DEW).
AN/FPS-35	FD, Long Range Search.
AN/FPS-64	AN/FPS-20 with AN/GPA-102.
AN/FPS-65	AN/FPS-20 with AN/GPA-103.
AN/FPS-66	AN/FPS-20A with AN/GPA-102.
AN/FPS-67	AN/FPS-20A with AN/GPA-103.
AN/FPS-74	Short Range Search (Gap Filler) ECCM Mod of AN/FPS-14 or AN/FPS-18.
AN/FPS-90	Application of TCTO-31P3-2FPS6-607 deleting variable mod-mod from an FPS-6B changed designation to FPS-90.
AN/GPS-3	Med Range Search - Stripped FPS-8.
AN/MPS-7	Medium Range Search.
AN/MPS-7 w/ CFA-58	Long Range Search (FPS-20).
AN/MPS-11	Medium Range Search.
AN/MPS-14	Long Range Height.

Section IV

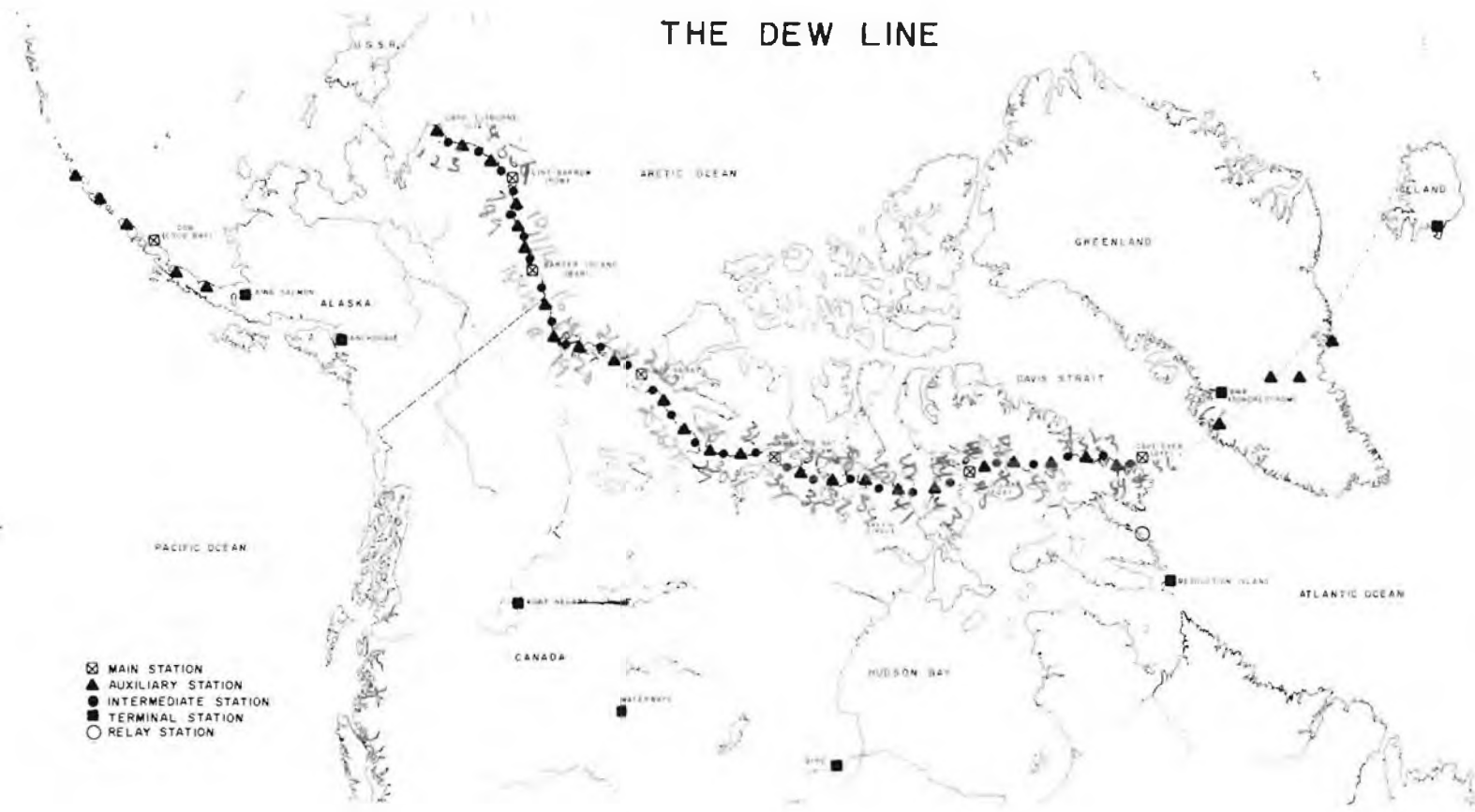
DEW LINE
1957-1972



WA-2

THE DEW LINE

February 1, 1962



- ☒ MAIN STATION
- ▲ AUXILIARY STATION
- INTERMEDIATE STATION
- TERMINAL STATION
- RELAY STATION

FOR OFFICIAL USE ONLY



Panoramic View of DEW Line Main Station



FPS-19 Search Radar in Plastic Radome



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DISTANT EARLY WARNING LINE
(DEW Line)~~CONFIDENTIAL~~

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Site #	Location	Manual Ops Date	Equipment*	Inactivation
BAR-Main	Barter Is., AK	Aug 57	FPS-19 FPS-23	
BAR-A	Demarcation Bay, AK	Aug 57	FPS-23	21 Jul 63
BAR-B	Stokes Point, Yukon	Aug 57	FPS-23	21 Jul 63
BAR-C	Tununuk Camp, NWT	Aug 57	FPS-23	21 Jul 63
BAR-D	Atkinson Point, NWT	Aug 57	FPS-23	21 Jul 63
BAR-E	Horton River, NWT	Aug 57	FPS-23	21 Jul 63
BAR-1	Komakuk Beach, Yukon	Aug 57	FPS-19 FPS-23	
BAR-2	Shingle Point, Yukon	Aug 57	FPS-19 FPS-23	
BAR-3	Tuktoyaktuk, NWT	Aug 57	FPS-19 FPS-23	
BAR-4	Nicholson Pen., NWT	Aug 57	FPS-19 FPS-23	
CAM-Main	Cambridge Bay, NWT	Aug 57	FPS-19 FPS-23	
CAM-A	Sturt Point, NWT	Aug 57	FPS-23	21 Jul 63
CAM-B	Hat Island, NWT	Aug 57	FPS-23	21 Jul 63
CAM-C	Matheson Point, NWT	Aug 57	FPS-23	21 Jul 63
CAM-D	Simpson Lake, NWT	Aug 57	FPS-23	21 Jul 63
CAM-E	Keith Bay, NWT	Aug 57	FPS-23	21 Jul 63
CAM-F	Sarcpa Lake, NWT	Aug 57	FPS-23	21 Jul 63
CAM-1	Jenny Lind Is., NWT	Aug 57	FPS-19 FPS-23	
CAM-2	Gladman Point, NWT	Aug 57	FPS-19 FPS-23	
CAM-3	Shepherd Bay, NWT	Aug 57	FPS-19 FPS-23	
CAM-4	Pelly Bay, NWT	Aug 57	FPS-19 FPS-23	
CAM-5	Mackar Inlet, NWT	Aug 57	FPS-19 FPS-23	
DYE-Main	Cape Dyer, NWT	Aug 57	FPS-19 FPS-23	
DYE-1	Qaqatoqaq, Greenland	Aug 61	FPS-30	
DYE-2	Ice Cap # 1, Greenland	Aug 61	FPS-30	

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Site #	Location	Manual Ops Date	Equipment*	Inactivation
DYE-3	Ice Cap #2, Greenld	Aug 61	FPS-30	
DYE-4	Kulusuk Is., Greenld	Aug 61	FPS-30	
FOX-Main	Hall Beach, NWT	Aug 57	FPS-19 FIS-23	
FOX-A	Bray Island, NWT	Aug 57	FPS-23	21 Jul 63
FOX-B	West Baffin Island, NWT	Aug 57	FPS-23	21 Jul 63
FOX-C	Ekalugad Fiord, NWT	Aug 57	FPS-23	21 Jul 63
FOX-D	Kivitoo, NWT	Aug 57	FPS-23	21 Jul 63
FOX-E	Durban Is., NWT	Aug 57	FPS-23	21 Jul 63
FOX-1	Rowley Is., NWT	Aug 57	FPS-19 FPS-23	15 Jan 71
FOX-2	Longstaff Bluff, NWT	Aug 57	FPS-19 FPS-23	
FOX-3	Dewar Lakes, NWT	Aug 57	FPS-19 FPS-23	
FOX-4	Cape Hooper, NWT	Aug 57	FPS-19 FPS-23	
FOX-5	Broughton Is., NWT	Aug 57	FPS-19 FPS-23	
LIZ-A	Cape Sabine, AK	Aug 57	FPS-23	21 Jul 63
LIZ-B	Icy Cape, AK	Aug 57	FPS-23	21 Jul 63
LIZ-C	Peard Bay, AK	Aug 57	FPS-23	21 Jul 63
LIZ-2	Point Lay, AK	Aug 57	FPS-19 FIS-23	
LIZ-3	Wainwright, AK	Aug 57	FPS-19 FIS-23	
PIN-Main	Cape Parry, NWT	Aug 57	FPS-19 FIS-23	
PIN-A	Pearce Point, NWT	Aug 57	FPS-23	21 Jul 63
PIN-B	Clifton Point, NWT	Aug 57	FPS-23	21 Jul 63
PIN-C	Bernard Harbour, NWT	Aug 57	FPS-23	21 Jul 63
PIN-D	Ross Point, NWT	Aug 57	FPS-23	21 Jul 63
PIN-E	Cape Peel, NWT	Aug 57	FPS-23	21 Jul 63
PIN-1	Clinton Point, NWT	Aug 57	FPS-19 FIS-23	

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Site #	Location	Manual Ops Date	Equipment*	Inactivation
PIN-2	Cape Young, NWT	Aug 57	FPS-19 FPS-23	
PIN-3	Lady Franklin Point, NWT	Aug 57	FPS-19 FPS-23	
PIN-4	Byron Bay, NWT	Aug 57	FPS-19 FPS-23	
POW-Main	Point Barrow, AK	Aug 57	FPS-19 FPS-23	
POW-A	Cape Simpson, AK	Aug 57	FPS-23	21 Jul 63
POW-B	Kogru, AK	Aug 57	FPS-23	21 Jul 63
POW-C	McIntyre, AK	Aug 57	FPS-23	21 Jul 63
POW-D	Brownlow Point, AK	Aug 57	FPS-23	21 Jul 63
POW-1	Lonely, AK	Aug 57	FPS-19 FPS-23	
POW-2	Oliktok, AK	Aug 57	FPS-19 FPS-23	
POW-3	Flaxman Is., AK	Aug 57	FPS-19 FPS-23	1 Oct 71
LIZ-1	Cape Lisburne, AK	Aug 57	FPS-20	1 Jun 69
COB-Main	Cold Bay, AK	Apr 59	FPS-19	1 Jun 69
COB-1	Nikolski, AK	Apr 59	FPS-19	1 Jun 69
COB-2	Driftwood Bay, AK	Apr 59	FPS-19	1 Jun 69
COB-3	Cape Sarichef, AK	Apr 59	FPS-19	1 Jun 69
COB-4	Port Moller, AK	Apr 59	FPS-19	1 Jun 69
COB-5	Port Heiden, AK	Apr 59	FPS-19	1 Jun 69
	* FPS-23 removed from DEW Line sites 21 July 1963.			

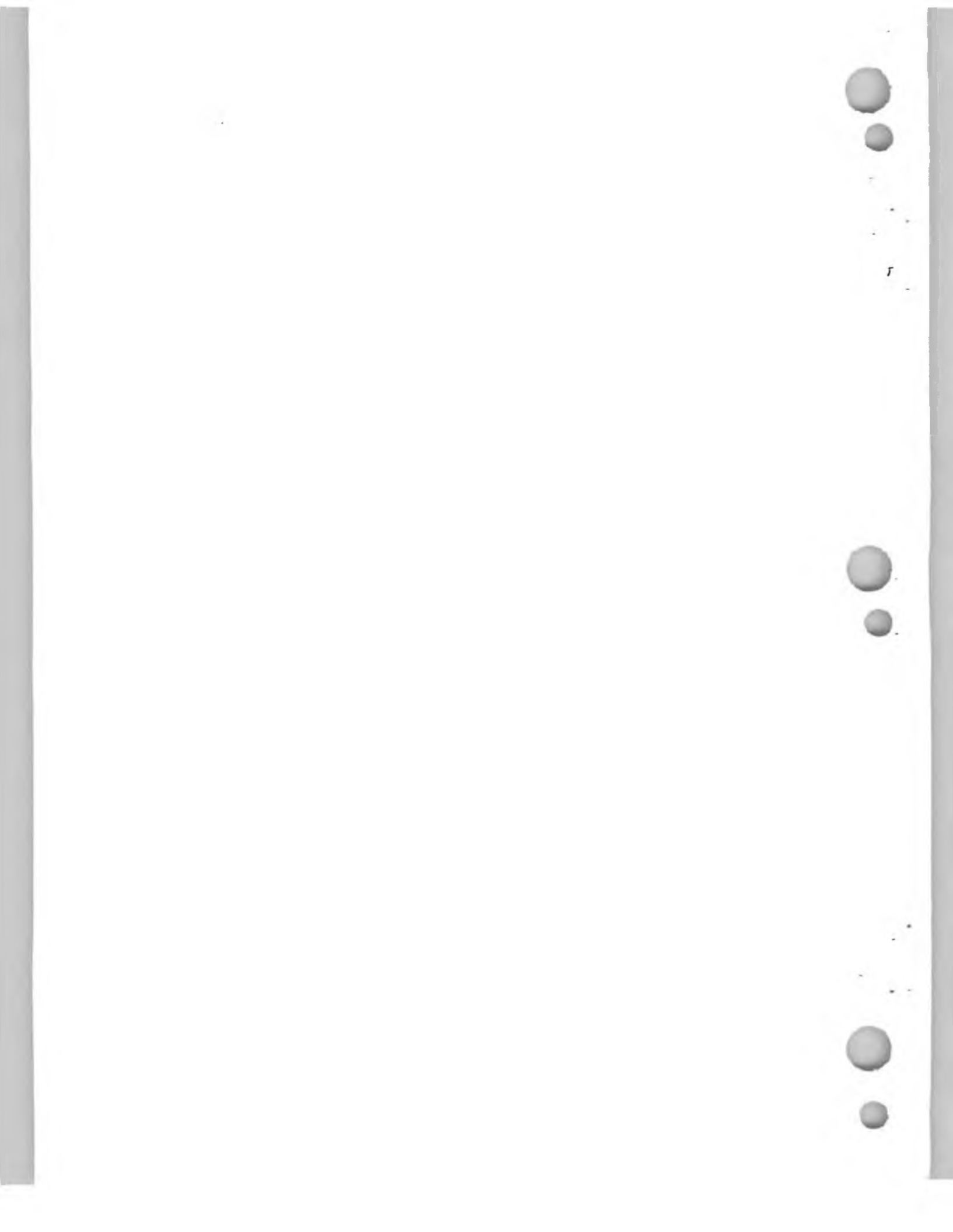


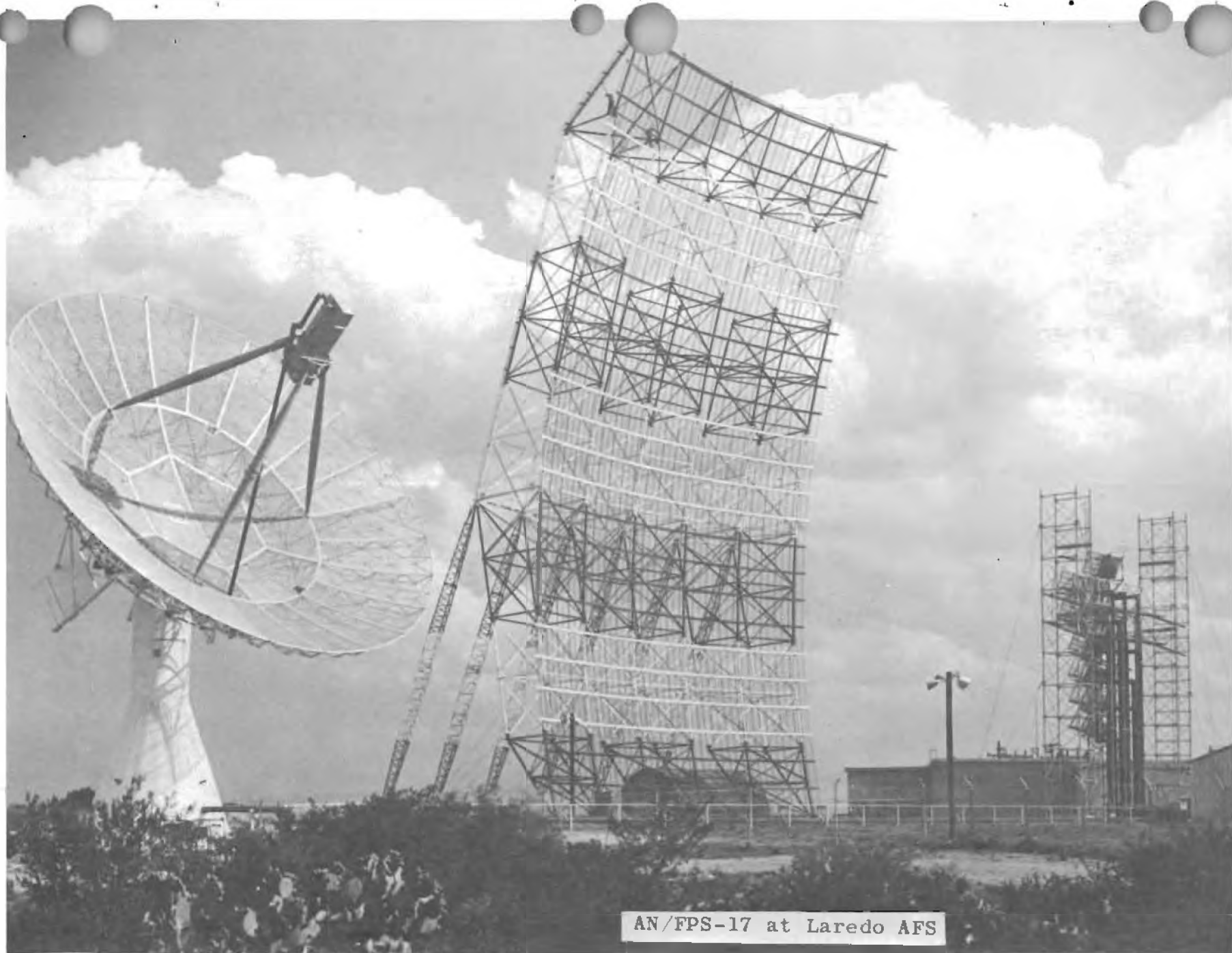
Section V

BMEWS
1960-1972

Section VI

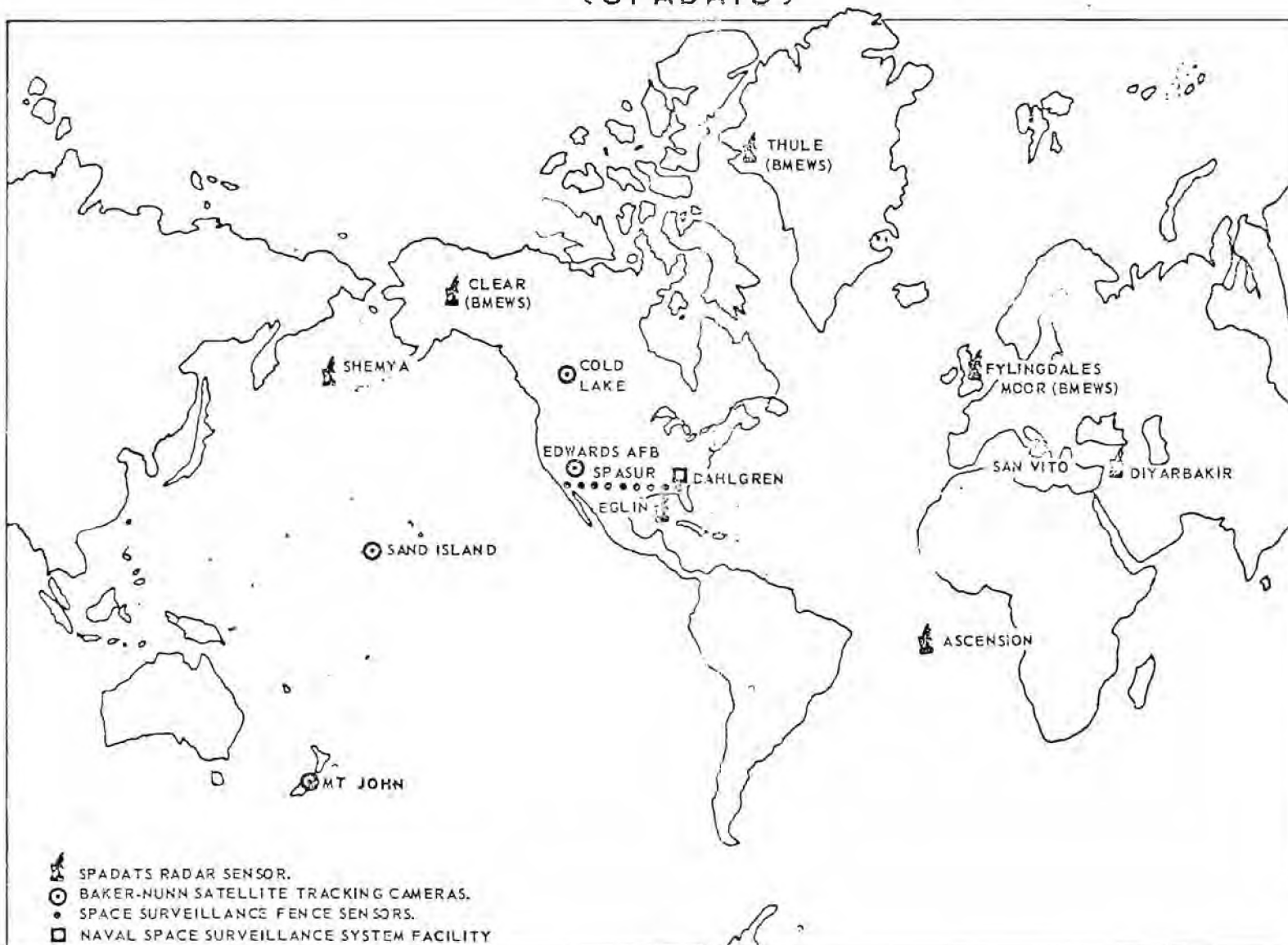
SPACETRACK
1961-1972





AN/FPS-17 at Laredo AFS

SPACE DETECTION AND TRACKING SYSTEM (SPADATS)

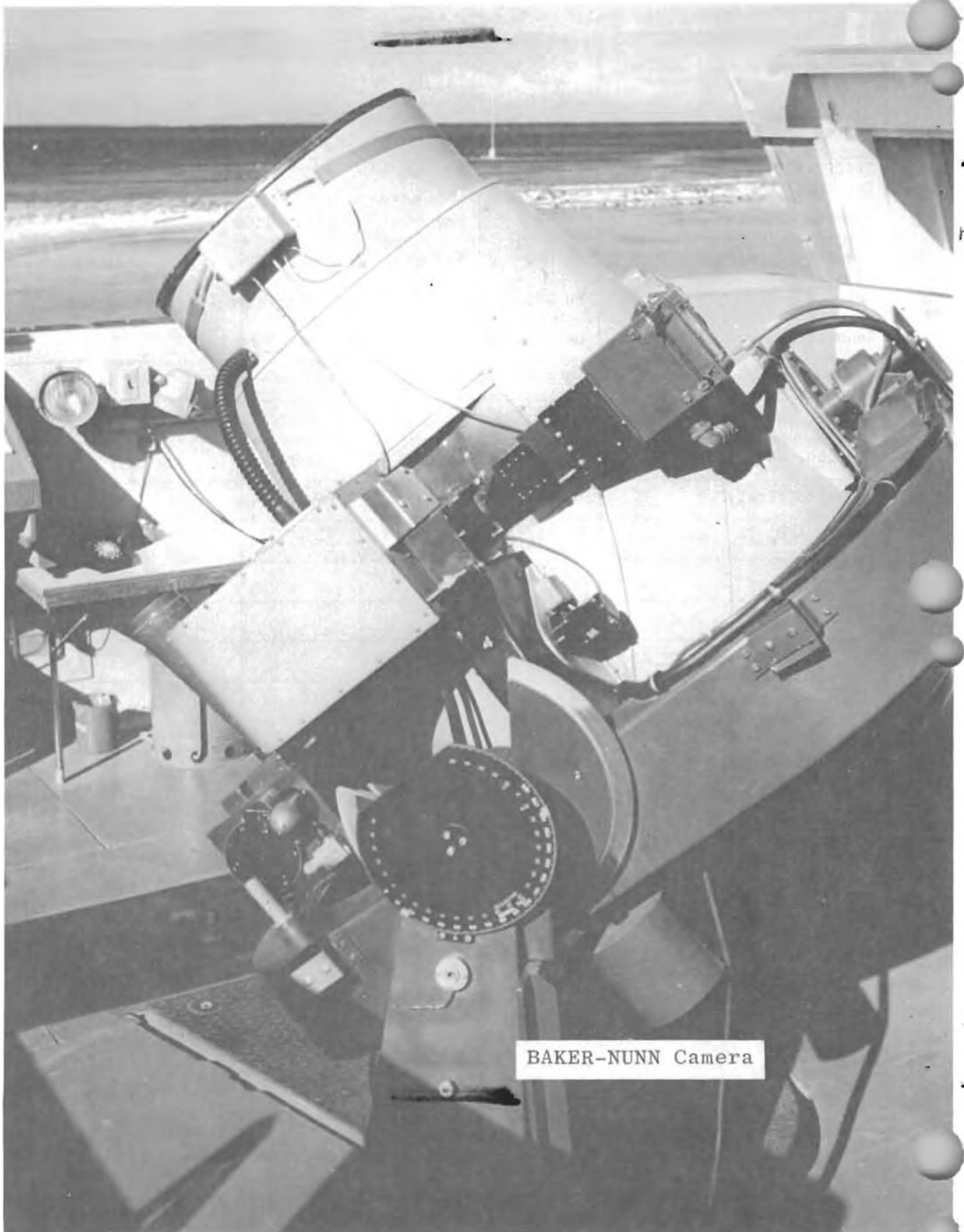


SPACETRACK FACILITIES

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Location	Sq	Ops Date	Radar Tracking	Radar Detection
SPACETRACK CENTER Ent AFB, CO	1 Aero Con Sq	Jul 61		
Edwards AFS, CA	18 SSQ	Mar 65	Baker-Nunn	
Shemya AFS, Alaska	16 SSQ	Feb 62	FPS-80(M)	FPS-17 (XW3)
Eglin C6, FL	20 SSQ	Dec 68	FPS-85 (tracking and detection)	
Sand Island, Pacific	Det 2/18SSQ	Oct 63	Baker-Nunn	
Diyarbakir, Turkey	19 SSQ	Jul 63	FPS-79	FPS-17 (XW1)
Ko Kha, Thailand	17 SSQ		CPS-10 (tracking and detection)	
Mt John, New Zealand	Det 1/18SSQ	Oct 69	Baker-Nunn	
San Vito, Italy	Det 3/18SSQ	Dec 70	Baker-Nunn	
Laredo AFB, TX	Det 1/1ACS	Jul 61*	FPS-78	FPS-17 (XW2)
* Ceased operation 15 July 1964.				

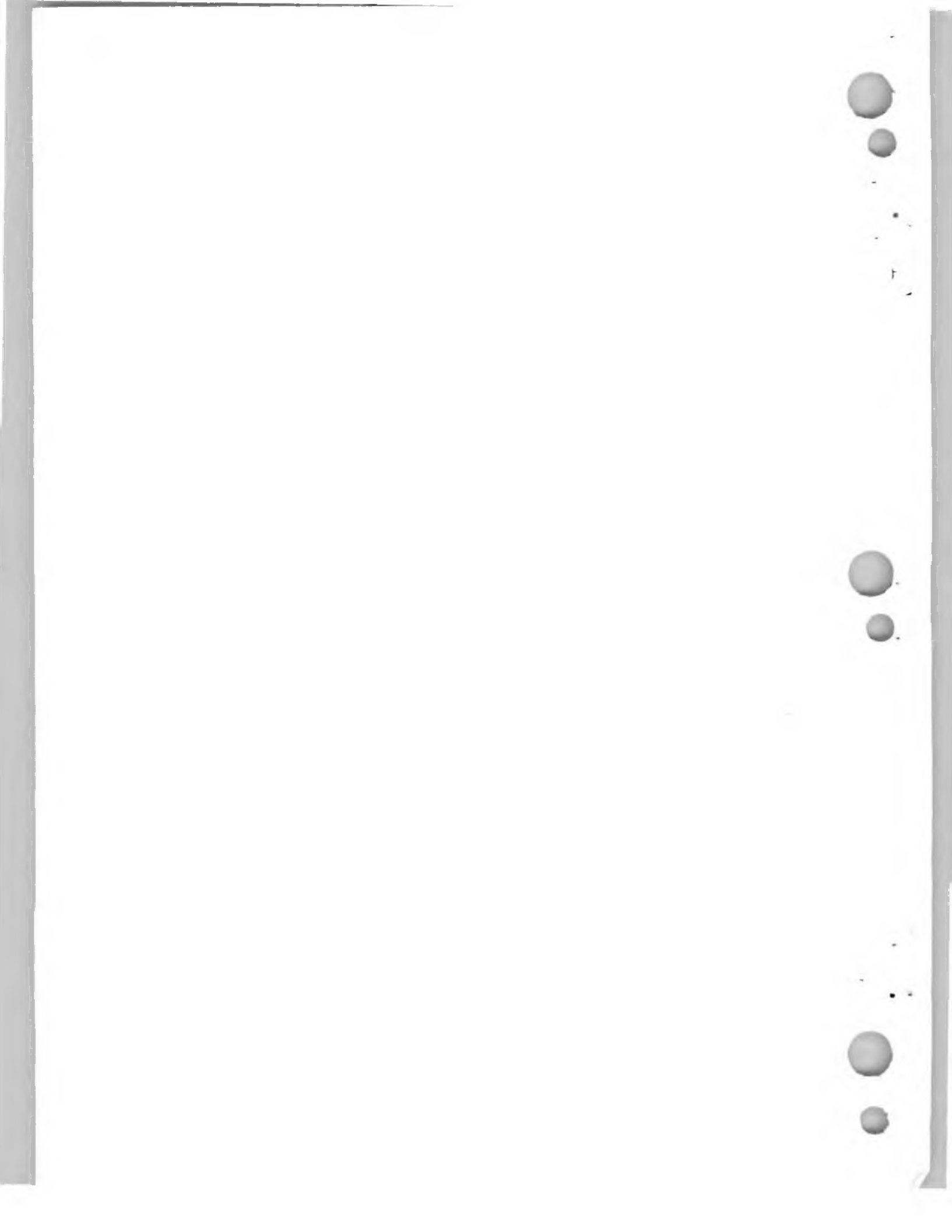
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BAKER-NUNN Camera

Section VIII

SLBM
1970-1972



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Section VII

440L OTH
1968-1972

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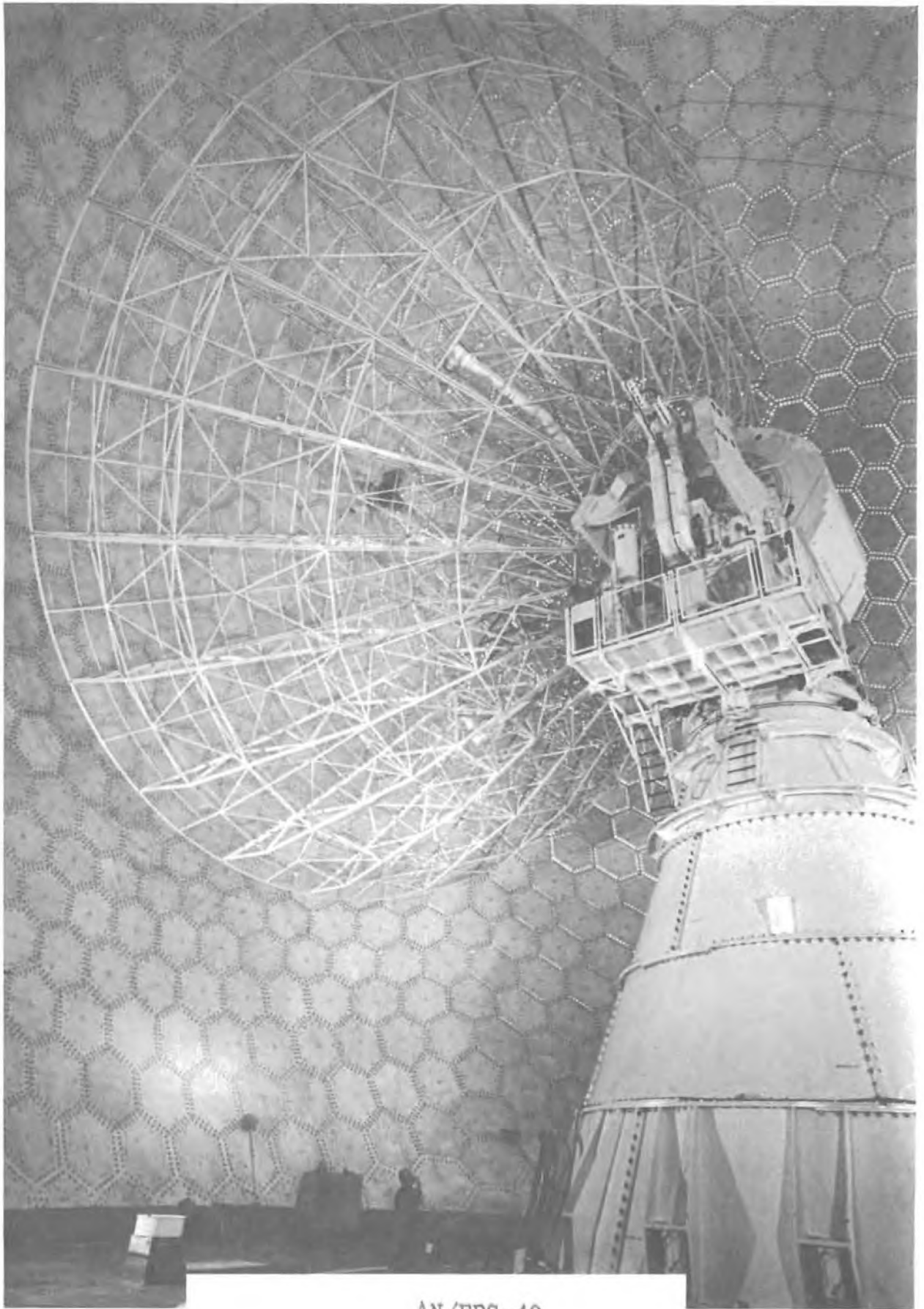
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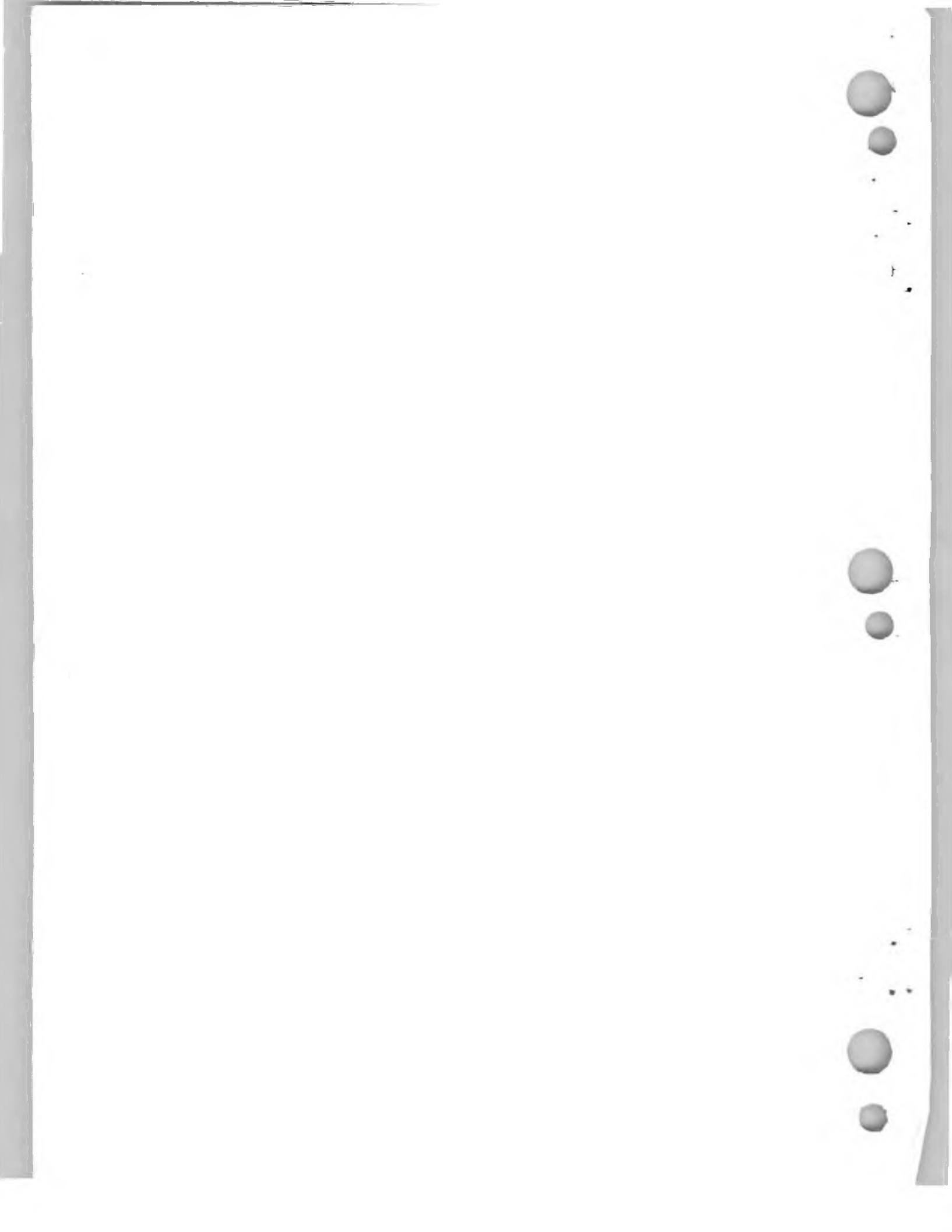
156
440L OTH FORWARD SCATTER RADAR SYSTEM

Site #	Location	IOC	Radar Receiver	Unit
R-1	Cyprus	1 Mar 68	FSQ-76	
R-2	San Vito, It.	1 Mar 68	FSQ-76	Det 2, 15 Comm Sq
R-3	Aviano AB, It.	1 Mar 68	FSQ-76	15 Comm Sq
R-4	Rothwesten, Ger.	1 Mar 68	FSQ-76	Det 1, 15 Comm Sq
R-5	Feltwell, Eng.	1 Mar 68	FSQ-76 Transmitter	OL A1, 15 Comm Sq
T-1	Wallace AS, PI	1 Mar 68	FRT-80	Det 2, 14 Comm Sq
T-2	Awase, Okinawa	1 Mar 68	FRT-80	Det 3, 14 Comm Sq
T-3	Tokoroza, Japan	1 Mar 68	FRT-80	14 Comm Sq
T-4	Chitose, Japan	1 Mar 68	FRT-80	Det 1, 14 Comm Sq

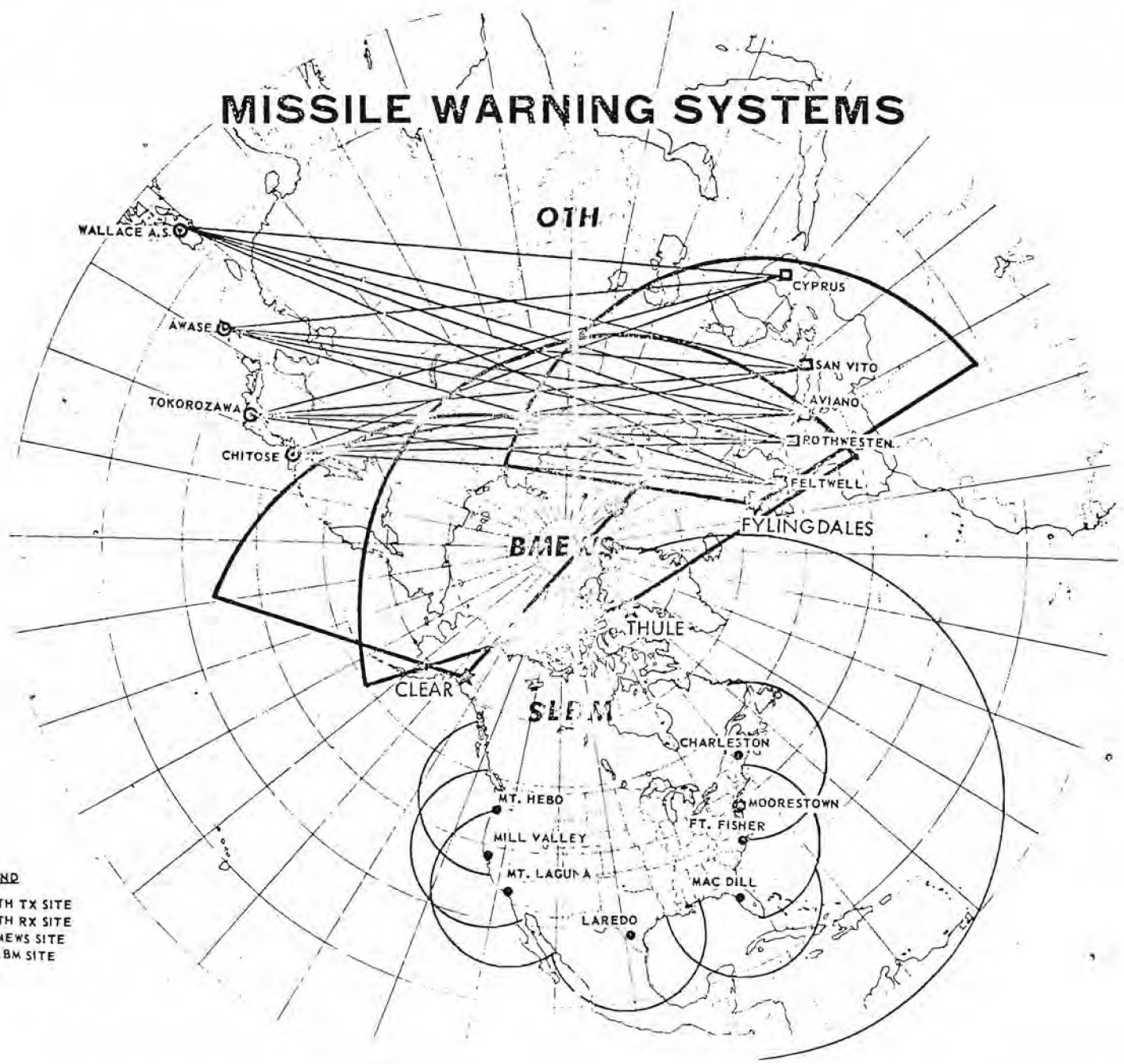
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AN/FPS-49
Moorestown



MISSILE WARNING SYSTEMS



- LEGEND**
- ⊙ OTH TX SITE
 - OTH RX SITE
 - ★ BMEWS SITE
 - SLBM SITE

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SLBM FACILITIES

Site #	Location	Det	Ops Date	Radar	Remarks
Z-38	Mill Valley AFS, CA	Det 3, 14AF	1 Jun 70	FSS-7	<i>closed operations 15 Aug 80</i>
Z-65	Charleston AFS, ME	Det 6, 14AF	1 Jun 70	FSS-7	<i>closed operations 4 Apr 80</i>
Z-76	Mt Laguna AFS, CA	Det 4, 14AF	1 Jun 70	FSS-7	<i>closed operations 15 Aug 80</i>
Z-100	Mt Hebo AFS, OR	Det 2, 14AF	1 Jun 70	FSS-7	<i>closed operations 15 Aug 80</i>
Z-115	Ft Fisher AFS, NC	Det 5, 14AF	1 Jun 70	FSS-7	<i>closed operations 4 Apr 80</i>
Z-129	MacDill AFS, FL	Det 7, 14AF	1 Jun 70	FSS-7	<i>closed operations 1 Oct 80</i>
Z-230	Laredo AFS, TX	Det 8, 14AF	1 Jun 70	FSS-7	<i>" " circa 30 Jun 75</i>
	Moorestown TSI, NJ	Det 10, 14AF	1 Jan 72	FPS-49	On 22 Jun 72, removed from service and placed on 'immediate recall.'

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