

DATE 8/1/79

ADVISORY CIRCULAR

10A TECHNICAL UNIT

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DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

Washington, D.C.

Subject: AIRSPACE UTILIZATION CONSIDERATIONS IN THE PROPOSED CONSTRUCTION, ALTERATION, ACTIVATION AND DEACTIVATION OF AIRPORTS

1. PURPOSE. The purpose of this Advisory Circular is to advise those persons proposing to construct, activate or deactivate a civil or joint-use (civil/military) airport of the requirement to notify the Federal Aviation Administration (FAA) of their plans. It also outlines some of the airspace utilization factors which should be considered early in the planning stages.

2. CANCELLATION. This cancels AC No. 70-2C, dated April 4, 1978.

3. WHY NOTICE IS REQUIRED. Prior notice is required to assure conformity to plans and policies for, and allocations of, airspace by the FAA. The FAA, after receiving such notice, may advise as to the effects the proposed construction or alteration would have on the use of the navigable airspace by aircraft.

4. PENALTY. Section 901 of the Federal Aviation Act provides that any person who fails to give proper notice shall be subject to a civil penalty not to exceed \$1,000 for each violation.

5. DEFINITION OF TERMS.

a. Public use airport - an airport that is available to the general public without prior authorization to use the airport.

b. Private use airport - an airport for exclusive use by the owner or other persons authorized by the owner.

c. Personal use airport - an airport that is used exclusively by the owner.

d. Airport - an area of land or water that is used or intended to be used for the landing and taking off of aircraft, and includes its buildings and facilities, if any.

Initiated by: AAT-240

e. Runway - a defined rectangular area, on a land airport prepared for the landing and takeoff run of aircraft along its length.

f. Landing area - any locality either of land or water, including airports and intermediate landing fields, which is used, or intended to be used, for the landing and takeoff of aircraft, whether or not facilities are provided for the shelter, servicing, or repair of aircraft, or for receiving or discharging passengers or cargo.

6. PROJECTS REQUIRING NOTICE. Federal Aviation Regulations, Part 157, requires that each person who intends to do any of the following shall notify the FAA:

a. Construct or otherwise establish a new airport or activate an airport.

b. Construct, realign, alter, or activate any runway/landing area or associated taxiway.

c. Deactivate, discontinue using, or abandon an airport, runway/landing area, or associated taxiway for a period of one year or more.

d. Change the status of an airport from personal, private, or public-use, to another status.

7. PROJECTS NOT REQUIRING NOTICE. Notice requirements under Part 157 do not apply to any project for which Federal aid has been requested under the Airport and Airway Development Act of 1970, as amended, or to any project involving a temporary airport which is intended to be used solely in VFR weather conditions for a period of less than 30 consecutive days with no more than 10 operations a day.

8. HOW TO SUBMIT NOTICE.

a. Any project requiring notice shall be submitted on a properly completed FAA Form 7480-1 at least 90 days before work is to begin. The notice should be submitted to the appropriate Airports District or Field Office listed in Appendix 1. For projects located in states for which no district or field office is listed, the notice should be sent to the appropriate FAA Regional Office. In an emergency involving essential public service, public health, or public safety, or when delay would result in an unreasonable hardship, the proponent may notify the FAA by telephone or any other expeditious means if the notification form is sent to the FAA within 5 days thereafter.

b. Information concerning the deactivation, discontinued use, or abandonment of an airport, runway/landing area or associated taxiway, may be submitted either by letter or on FAA Form 7480-1, and prior notice is not required. However, if the airport is served by an established

instrument approach procedure the information shall be submitted at least 30 days prior to such action on FAA Form 7480-1.

c. The geographic area of jurisdiction for each FAA Regional Office and the location of each Airports District/Field Office is depicted on the map in Appendix 1. Copies of FAA Form 7480-1 may be obtained from these offices. An example of the notice form and the instructions are shown in Appendix 1.

9. AIRSPACE UTILIZATION CONSIDERATIONS. The FAA conducts an aeronautical study to determine the effect of the airport proposal on the safe and efficient use of airspace by aircraft. Some of the factors considered in the study are:

- a. Existing or anticipated traffic patterns of neighboring airports.
- b. Existing airspace structure and projected airspace program of the FAA.
- c. Existing or proposed manmade objects of which the FAA has record.
- d. Natural objects and features within the affected area.
- e. Adjustments of other aviation requirements that may be needed to accommodate the airport proposal.
- f. Possible revisions of the airport proposal that may be necessary to eliminate a hazardous or inefficient use of airspace.

10. COORDINATION WITH INTERESTED PERSONS. As part of the aeronautical study, the FAA may consult with interested persons regarding the substance of the proposal. This coordination may be accomplished through interviews, conferences, informal airspace meetings or through the distribution of circulars describing the proposal and offering a prescribed period of time within which the public may submit comments on the proposal.

11. DETERMINATIONS. The product of an aeronautical study is to give advice to the airport sponsor in the form of an FAA determination. These determinations will be issued in one of the following categories:

- a. "No objection to the proposal" - will not adversely affect the safe and efficient use of airspace by aircraft.
- b. "No objection if certain conditions are met" - will not affect the safe and efficient use of airspace by aircraft provided (conditions will be given).
- c. "Objectionable" - will adversely affect the safe and efficient use of airspace by aircraft (reasons will be given).

12. EFFECTIVE PERIOD OF THE DETERMINATION. Certain determinations may contain an expiration date. The purpose of the expiration date is to allow for the orderly planning of airports and to eliminate the needless protection of airspace. However, an extension to the expiration date may be requested. The FAA will consider all requests if the reasons for not completing the project by the specified date are valid.

13. NOTICE OF COMPLETION. The proponent of an airport proposal shall notify the appropriate FAA office by letter or postcard within 30 days after completion of the project.

14. PLANNING ASSISTANCE. FAA specialists are available to provide assistance during project planning stages on the feasibility of a project from an airspace utilization standpoint. Prospective project sponsors are encouraged to take advantage of this service, particularly on new airport projects, before money is expended for acquisition of real property or for elaborate engineering plans. Such service is informal in nature and the proposal will not be circulated to the public for comments unless specifically requested by the proponent.

15. STATE AND/OR LOCAL REPORTING REQUIREMENTS. An FAA determination in no way preempts or waives any ordinances, laws, or regulations of any other governmental body or agency. Proponents of airport projects should become acquainted with the state and local requirements applicable to the nature of the planned project. Some states have airport licensing laws and most local political subdivisions have various ordinances or zoning laws which may play a decisive role in the success or failure of the proponent's plans. Coordinating these matters is the responsibility of the project proponent and is not accomplished by the FAA.



ROBERT H. THRONE

Acting Director, Air Traffic Service

APPENDIX 1. SAMPLE NOTICE OF LANDING AREA PROPOSAL, FAA FORM 7480-1

USE BACK OF THIS SHEET AS WORKSHEET
NOTICE OF LANDING AREA PROPOSAL INSTRUCTIONS

AS USED HEREIN, THE TERM "AIRPORT" MEANS ANY AIRPORT, HELIPORT OR SEAPLANE BASE.

Federal Aviation Regulations Part 157 requires that each person who intends to do any of the following shall notify the Administrator:

1. Construct or otherwise establish a new airport or activate an airport.
2. Construct, realign, alter or activate any runway, landing strip or associated taxiway.
3. Deactivate, discontinue using or abandon an airport, runway, landing strip or associated taxiway for a period of one year or more.
4. Change the status of an airport from personal use (exclusive use by the owner), or private use (use by the owner or other persons authorized by the owner) to an airport open to the public.

The notice required shall be made by submitting this form in quadruplicate to the nearest Federal Aviation Administration's Airports District Office or Regional Office.

GENERAL INSTRUCTIONS

1. For any project falling in categories 1, 2 or 4 above, complete all appropriate sections. If the project is, or will be, associated with a personal or private-use airport located more than 5 nautical miles from any airport open to the public and more than 20 NM from an IFR airport (an airport for which an instrument approach procedure has been authorized), only sections A, B, D and I need be filled out.
2. For deactivation or abandonment (category 3 above), complete sections A and I only.
3. Express all bearings as magnetic and mileages as nautical.
4. PLEASE PRINT OR TYPE ALL ITEMS AND BE SURE ALL COPIES ARE LEGIBLE.

Section A — Attach U.S. Geological Survey quadrangle map or equivalent. Plot locations of facility runway alignments, associated taxiways or seaplane alignments. When appropriate, use city map for heliports.

Section B — If the type of use is to be by the owner only, check "personal." If also used by persons authorized by the owner, check "private." If the airport is open to the public, check "public." If the airport is owned by a state or state agency; a municipality or other political subdivision; or a tax supported organization, check "public" ownership. Otherwise indicate that the type of ownership is "private." If necessary, use a separate sheet of paper to describe changes or alterations.

Section C — Airport or seaplane base: List VFR airports and heliports within 5NM, and IFR airports within 20NM. Heliports: List VFR airports and heliports within 3NM and IFR airports within 10NM.

Section D — Self-explanatory.

Section E — List and plot on quadrangle map or equivalent any obstructions. Airport or seaplane base: Within 3NM radius for VFR airports and within 5NM for IFR airports. Heliports: Within 5,000 feet of the perimeter of the heliport landing and takeoff area.

Section F — Self-explanatory.

Section G — List schools, churches and residential communities within a 2NM radius for airports and within a 1NM for heliports.

Section H — Self-explanatory.

NOTE: Additional copies of FAA form 7480-1 may be obtained for the nearest FAA Airports District Office or Regional Office.

Notification to the FAA does not waive the requirements of any other government agency.

8/1/79

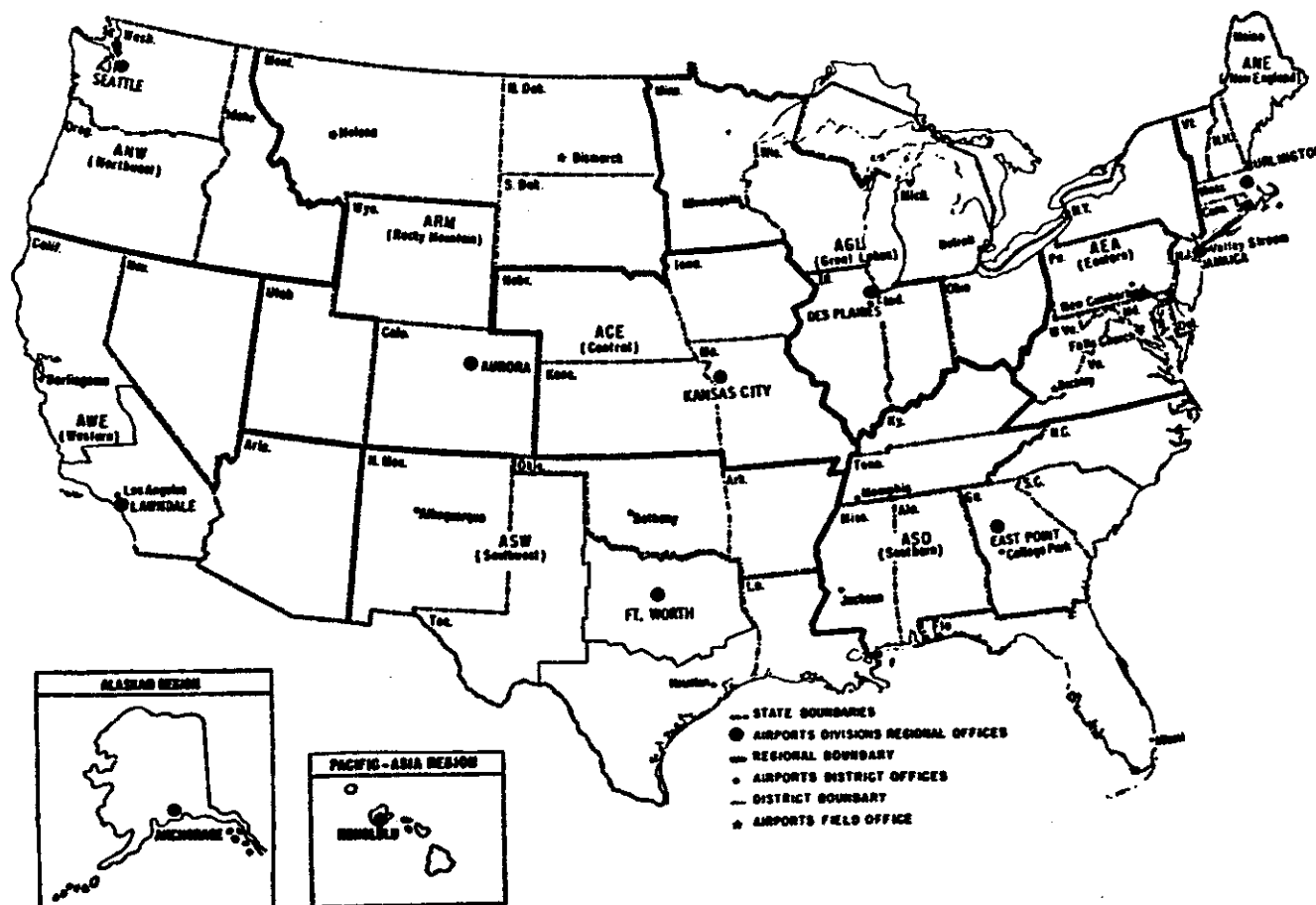
Form Approved. OMB No. 04-R0094

DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION NOTICE OF LANDING AREA PROPOSAL				<input checked="" type="checkbox"/> ESTABLISHMENT OR ACTIVATION <input type="checkbox"/> ALTERATION <input type="checkbox"/> DEACTIVATION OR ABANDONMENT <input type="checkbox"/> CHANGE OF STATUS				<input checked="" type="checkbox"/> AIRPORT <input type="checkbox"/> OF HELIPORT <input type="checkbox"/> SEAPLANE BASE			
NAME OF PROPOSER, INDIVIDUAL OR ORGANIZATION John D. Smith				ADDRESS (No., Street, City, State, Zip Code) 2525 N. Main Street, Anytown, New York 20031							
A. LOCATION OF LANDING AREA											
1. NEAREST CITY OR TOWN Anytown				2. COUNTY Exeter				3. STATE New York		4. DISTANCE & DIRECTION FROM NEAREST CITY OR TOWN	
5. NAME OF LANDING AREA Smith Field				6. LATITUDE 38° 49' 30"		7. LONGITUDE 76° 57' 15"		8. ELEVATION 1200'		MILES 6	DIRECTION SE
B. PURPOSE											
TYPE USE <input checked="" type="checkbox"/> PUBLIC <input type="checkbox"/> PRIVATE <input type="checkbox"/> PERSONAL		TYPE OWNERSHIP <input type="checkbox"/> PUBLIC <input checked="" type="checkbox"/> PRIVATE		LOCALITIES SERVED Anytown Exeter Co.		IF CHANGE OF STATUS OR ALTERATION, DESCRIBE CHANGE.				CONSTRUCTION DATES TO BEGIN: 1/78 EST. COMPLETION: 5/78	
C. OTHER LANDING AREAS				REF. AS ABOVE		D. LANDING AREA DATA					
State City Municipal Ryan Field Wilkins AFB				DIST. FROM LANDING AREA 160 050 270		DIST. FROM LANDING AREA 10 5 8		1. AIRPORT OR SEAPLANE BASE			
								MAGNETIC BEARING OF RUNWAY(S) OR SEALANE(S) N-S E-W			
								LENGTH OF RUNWAY(S) OR SEALANE(S) IN FEET 3000 2200			
								WIDTH OF RUNWAY(S) OR SEALANE(S) IN FEET 50 50			
								MAGNETIC BEARING OF PRIMARY LANDING DIRECTION N W			
								TYPE OF RUNWAY SURFACE (Concrete, Asphalt, Grass, Etc.) Turf Turf			
E. OBSTRUCTIONS				DIST. FROM LANDING AREA NW E S		DIST. FROM LANDING AREA 1/2 1 3		2. HELIPORT			
TYPE		HEIGHT ABOVE LANDING AREA						DIMENSIONS OF LANDING AND TAKEOFF AREA IN FEET			
Trees		50'						DIMENSIONS OF TOUCHDOWN AREA IN FEET			
Water Tower		75'						MAGNETIC DIRECTION OF INGRESS/EGRESS ROUTES			
TV Tower		859'						TYPE OF SURFACE (Turf, rooftop, etc.)			
								3. DESCRIPTION OF LIGHTING (If any)			
F. OPERATIONAL DATA								PRESENT (If est. indicate by letter "E")		ANTICIPATED 5 YRS. HENCE	
1. EST. OR ACTUAL NO. BASED ACFT.											
AIRPORTS				MULTIENGINE				2E		4	
				SINGLE-ENGINE				3E		6	
HELIPORTS				UNDER 3500 LBS. MGW							
				OVER 3500 LBS. MGW							
2. AVERAGE NO. MONTHLY LANDINGS											
Hospital				AIR CARRIER				0		0	
				GENERAL AVIATION				80		200	
				OTHER (Military, glider, etc.)				0		0	
3. ARE IFR OPERATIONS ANTICIPATED								TYPE			
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES WITHIN _____ YEARS								NAVAID:			
H. APPLICATION FOR AIRPORT LICENSING											
<input type="checkbox"/> HAS BEEN MADE <input type="checkbox"/> NOT REQUIRED <input type="checkbox"/> COUNTY				<input checked="" type="checkbox"/> WILL BE MADE <input type="checkbox"/> STATE <input type="checkbox"/> MUNICIPAL AUTHORITY							
I. CERTIFICATION: I hereby certify that all of the above statements made by me are true and complete to the best of my knowledge.											
NAME AND TITLE OF PERSON FILING THIS NOTICE (Type or print) John D. Smith				SIGNATURE (In ink) <i>John D. Smith</i>							
				DATE OF SIGNATURE 9/12/77				TELEPHONE NO. (Precede with area code) 301-245-0000			

FAA FORM 7480-1 (1-77)

FAA REGIONAL BOUNDARIES

(DESIGNATES AIRPORTS DIVISIONS AND AIRPORTS DISTRICT / FIELD OFFICES)



ADDRESSES OF REGIONAL OFFICES AND SAN JUAN AREA OFFICE

AAL - ALASKAN REGION

Alaskan Regional Office

P. O. Box 14
701 'C' Street
Anchorage, Alaska 99513
Tel.: 907-271-5438

ACE - CENTRAL REGION

Central Regional Office

601 East 12th Street
Kansas City, Missouri 64106
Tel.: 816-374-5278

AEA - EASTERN REGION

Eastern Regional Office

Federal Building
JFK International Airport
Jamaica, New York 11430
Tel.: 212-995-8543

AGL - GREAT LAKES REGION

Great Lakes Regional Office

2300 East Devon Avenue
Des Plaines, Illinois 60018
Tel.: 312-694-4500, ext. 2271

ANE - NEW ENGLAND REGION

New England Regional Office

12 New England Executive Park
Burlington, Massachusetts 01803
Tel.: 617-273-7235

ANW - NORTHWEST REGION

Northwest Regional Office

FAA Building, Boeing Field
Seattle, Washington 98108
Tel.: 206-767-2740

APC - PACIFIC REGION

Pacific Regional Office

300 Ala Moana Blvd.
Honolulu, Hawaii
Mail Address:
P. O. Box 50109
Honolulu, Hawaii 96850
Tel.: 808-546-7129

ARM - ROCKY MOUNTAIN REGION

Rocky Mountain Regional Office

10455 East 25th Avenue
Aurora, Colorado 80010
Tel.: 303-837-3855

ASO - SOUTHERN REGION

Southern Regional Office

3400 Whipple Street
East Point, Georgia
Mail Address:
P. O. Box 20636
Atlanta, Georgia 30320
Tel.: 404-763-7288

ASW - SOUTHWEST REGION

Southwest Regional Office

4400 Blue Mound Road
Fort Worth, Texas
Mail Address:
P. O. Box 1689
Fort Worth, Texas 76101
Tel.: 817-624-4911

AWE - WESTERN REGION

Western Regional Office

15000 Aviation Boulevard
Lawndale, California
Mail Address:
P. O. Box 92007
Worldway Postal Center
Los Angeles, California 90009
Tel.: 213-536-6240

SAN JUAN AREA

San Juan Area Office

RFD-1, Box 29A
Loiza Street Station
San Juan, Puerto Rico 00914
Tel.: 809-791-1250

ADDRESSES OF AIRPORTS DISTRICT/FIELD OFFICESNEW YORK, NEW JERSEY

Airports District Office
Colonial Building
181 South Franklin Avenue
Valley Stream, New York 11581
Tel.: 212-995-9528

MARYLAND, VIRGINIA,
DISTRICT OF COLUMBIA

Airports District Office
900 South Washington Street
Falls Church, Virginia 22046
Tel.: 703-557-2431

GEORGIA, NORTH CAROLINA,
SOUTH CAROLINA

Airports District Office
Suite C, Room 116
1568 Willingham Drive
College Park, Georgia 30337
Tel.: 404-763-7639

FLORIDA, PUERTO RICO,
VIRGIN ISLANDS

Airports District Office
P. O. Box 59-2014
FAA/NWS Building
Miami International Airport
Miami, Florida 33159
Tel.: 305-526-2540

PENNSYLVANIA, DELAWARE

Airports District Office
Terminal Building
Capital City Airport
New Cumberland, PA 17070
Tel.: 717-782-4531

TENNESSEE, KENTUCKY

Airports District Office
P. O. Box 18621
Suite 103
3973 Knight Arnold Road
Memphis, Tennessee 38118
Tel.: 901-521-3495

ILLINOIS, INDIANA

Airports District Office
2300 East Devon Avenue
Des Plaines, Illinois 60018
Tel.: 312-694-4500, ext. 3335

MICHIGAN, OHIO

Airports District Office
Building 358
Detroit Metropolitan Airport
Detroit, Michigan 48242
Tel.: 313-941-8270

WISCONSIN, MINNESOTA

Airports District Office
6301 34th Avenue, South
Minneapolis, Minnesota 55450
Tel.: 612-725-3346

NEW MEXICO, WEST TEXAS 2/

Airports District Office
NWS/FAA Building
Albuquerque International Airport
P. O. Box 9253
Albuquerque, New Mexico 87119
Tel.: 505-766-2685

LOUISIANA, SOUTHERN TEXAS 3/

Airports District Office
Wm. P. Hobby Airport
8800 Paul B. Koonce Drive
Houston, Texas 77061
Tel.: 713-643-0661

SOUTHERN CALIFORNIA 1/ARIZONA

Airports District Office
P. O. Box 45018 Westchester Station
5885 West Imperial Highway
Los Angeles, California 90045
Tel.: 213-642-3980

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ADDRESSES OF AIRPORTS DISTRICT/FIELD OFFICE (Cont'd)

MISSISSIPPI, ALABAMA

Airports District Office
P. O. Box 6111 Pearl Branch
FAA Building, Municipal Airport
Jackson, Mississippi 39208
Tel.: 601-969-4628

OKLAHOMA, ARKANSAS

Airports District Office
FAA Building, Room 204
Wiley Post Airport
Bethany, Oklahoma 73008
Tel.: 405-789-2905

WEST VIRGINIA

Airports Field Office
Route 9 Box 31-C
Raleigh County Memorial Airport
Beaver, West Virginia 25813
Tel.: 304-252-6216

NORTHEAST TEXAS 4/

Airports Division, ASW-600
P. O. Box 1689
Fort Worth, Texas 76101
Tel.: 817-624-4911

MONTANA

Airports Field Office
FAA Building, Room 2
Helena County Airport
Helena, Montana 59601
Tel.: 406-449-5271

NORTH DAKOTA

Airports Field Office
2000 Airport Road
Bismark, North Dakota 58501
Tel.: 701-255-4011, ext. 385

NORTH CALIFORNIA 5/, NEVADA

Airports District Office
831 Mitten Road
Burlingame, California 94010
Tel.: 415-876-2778

- 1/ Southern California includes the counties of: Santa Barbara, Kern, Inyo, and all counties south thereof.
- 2/ West Texas includes counties of: Terrell, Crockett, Sutton, Schleicher, Tom Green, Coke, Nolan, Fisher, Stonewall, King, Cottle, Childress, Collingsworth, Wheeler, Hemphill, Lipscomb, and all counties west thereof.
- 3/ South Texas includes counties of: Panola, Rusk, Cherokee, Houston, Leon, Robertson, Milam, Bell, Lampasas, San Saba, McCulloch, Concho, Menard, Kimble, Edwards, Val Verde and all counties south and east thereof.
- 4/ Northeast Texas includes counties of: Harrison, Gregg, Smith, Henderson, Anderson, Freestone, Limestone, Falls, McLennan, Coryell, Mills, Brown, Coleman, Runnels, Taylor, Jones, Haskell, Knox, Foard, Hardeman, and all counties north and east thereof.
- 5/ Northern California includes the counties of: San Luis Obispo, Kings, Tulare, Fresno, Mono, and all counties north thereof.