Key for
Colors

Lineament/Geol
Arizona/Nev
Myers. Kummer
& Strobel

Castell
102 Cream

Azure Marine 905

Eagle 745
Carmine Red

Dixon Anadel
Brown 1990

CAP COPY

NATIONAL 42-381 50 SHEETS 5 SQUARE 42-382 100 SHEETS 5 SQUARE 42-389 200 SHEETS 5 SQUARE Made in U.S.A.

115°
114°
113°
112°
111°
110°
109°
37°
36°
35°
34°
33°
VIRGIN RIVER
COLORADO RIVER
GILA RIVER
LITTLE COLORADO RIVER
SALT RIVER
MOHAVE
COCONINO
PLATEAU
YAVAPAI
MARICOPA
YUMA
PINAL
GILA
NAVAJO
APACHE
ARIZONA
OF
NAVAJO
INDIAN RESERVATION
BLACK MESA
HOPI
KAIBAB
NATIONAL FOREST
GRAND CANYON
NATIONAL MONUMENT
TUSAYAN
NATIONAL FOREST
COCONINO
NATIONAL FOREST
SAN FRANCISCO
MOGOLLON MESA
SITGREAVES
NATIONAL FOREST
TONTO
NATIONAL FOREST
FORT APACHE
INDIAN RESERVATION
WHITE MOUNTAIN OR SAN CARLOS
INDIAN RESERVATION
HUALPAI
VALLEY
HARQUAHALA
DESERT
PRESCOTT
FLAGSTAFF
HOLBROOK
PHOENIX
FLORENCE
KINGMAN
ST JOHNS
Needles
Williams
Winslow
Seligman
Tower Butte
Lees Ferry
Tuba
Chinle
Ganado
Leupp
Heber
Concho
Springerville
Mesa
Tempe
Globe
Superior
Roosevelt
Sedona
Jerome
Wickenburg
Aguila
Gila Bend
Sentinel
Stanwix
Stoval
Mohawk
Cibola
Alamo
Arlington
Buckeye
Chandler
Winkelman
Thatcher
Safford
St Johns
Navajo
Chambers
Adamana
Joseph City
Woodruff
Snowflake
Showlow
Pinedale
Lakeside
Greer
Alpine
Apache
Ord

PILLAR, LOWELL AND ASSOCIATES
CONSULTING MINING & GEOLOGICAL ENGINEERS
5115 NORTH ORACLE ROAD
TUCSON, ARIZONA 85704
(602) 297-5341

C. L. PILLAR
J. DAVID LOWELL
L. CLARK ARNOLD

July 17, 1978

Dr. Harold W. Krueger
Krueger Enterprises, Inc.
24 Blackstone Street
Cambridge, Massachusetts 02139

Dear Dr. Krueger:

We have shipped to you two outcrop samples by American Airlines that we would like to get an age determination on. The first sample, No. 4240-A (2 sacks) is of a Laramide (Mesozoic) age. The second sample, No. 4232-A (2 sacks) is of a pre-Cambrian age, but may have been modified by subsequent mineralization.

Please address your results to my attention.

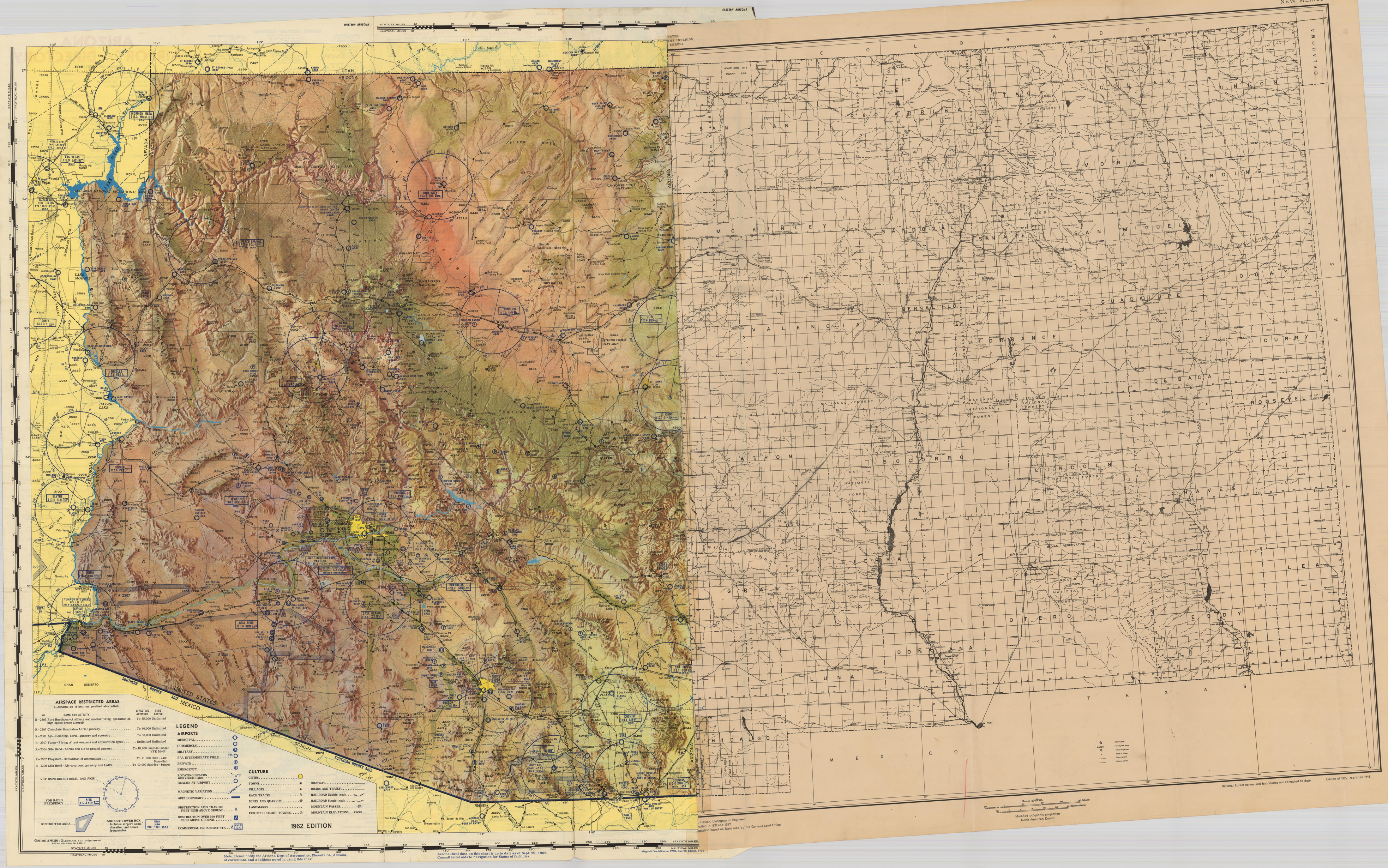
Thank you.

Yours truly,

Original signed by:
John E. Kinnison

John E. Kinnison

JEK:sbc


WESTERN ARIZONA
EASTERN ARIZONA
STATUTE MILES
NAUTICAL MILES
UTAH
ARIZONA
NEVADA
NEW MEXICO
OKLAHOMA
TEXAS
COLORADO
SONORA
MEXICO
UNITED STATES
SOUTHERN BORDER ADIZ
GRAN DESIERTO
LAKE MEAD NATIONAL RECREATIONAL AREA
LAKE MOHAVE
LAKE HAVASU
HAVASU LAKE
PHOENIX
TUCSON
Nogales
Winslow
Flagstaff
Kingman
Las Vegas
Page
Tonopah
Bisbee
Douglas
Lordsburg
Deming
Silver City
Las Cruces
Roswell
Clayton
Tucumcari
Raton
Trinidad
Pueblo
Colorado Springs
Denver
Grand Junction
Cortez
Durango
Farmington
Gallup
Albuquerque
Santa Fe
Taos
Alamosa
Pagosa Springs
Montrose
Moab
Cedar City
Zion National Park
Grand Canyon National Park
Grand Canyon Nat'l Mon.
Petrified Forest Nat'l Mon.
Wupatki Nat'l Mon.
Sunset Crater Nat'l Mon.
Walnut Canyon Nat'l Mon.
Chiricahua Nat'l Mon.
Saguaro Nat'l Mon.
Tonto Nat'l Mon.
Casa Grande Ruins Nat'l Mon.
Tumacacori Nat'l Mon.
Coronado Nat'l Mon.
Aztec Ruins Nat'l Mon.
Chaco Canyon Nat'l Mon.
Bandelier Nat'l Mon.
Pecos Nat'l Mon.
Capulin Mt. Nat'l Mon.
Fort Union Nat'l Mon.
Mesa Verde Nat'l Park
Colorado Nat'l Mon.
Black Canyon of the Gunnison Nat'l Mon.
Dinosaur Nat'l Mon.
Hovenweep Nat'l Mon.
Canyon de Chelly Nat'l Mon.
Navajo Nat'l Mon.
Glen Canyon Nat'l Rec. Area
Rainbow Natural Bridge
Monument Valley
Navajo Indian Res.
Hopi Indian Res.
Zuni Indian Res.
Southern Ute Indian Res.
Ute Mountain Ute Indian Res.
Jicarilla Indian Res.
Mescalero Apache Indian Res.
Mescalero Apache Indian Res.
Tohono O'Odham Indian Res.
Gila Bend Indian Res.
Salt River Indian Res.
Fort Yuma Indian Res.
Colorado River Indian Res.
Fort Mohave Indian Res.
Hualapai Indian Res.
Havasupai Indian Res.
San Carlos Indian Res.
Fort Apache Indian Res.
Navajo Indian Res.
Hopi Indian Res.
Zuni Indian Res.
Jicarilla Indian Res.
Ute Mountain Ute Indian Res.
Southern Ute

ARIZONA DEPARTMENT OF AERONAUTICS

This Aeronautical Chart and Airport Directory is presented with the compliments of the Arizona Dept. of Aeronautics. It has been compiled and prepared by the Arizona Dept. of Aeronautics for your information, safety and flying pleasure.

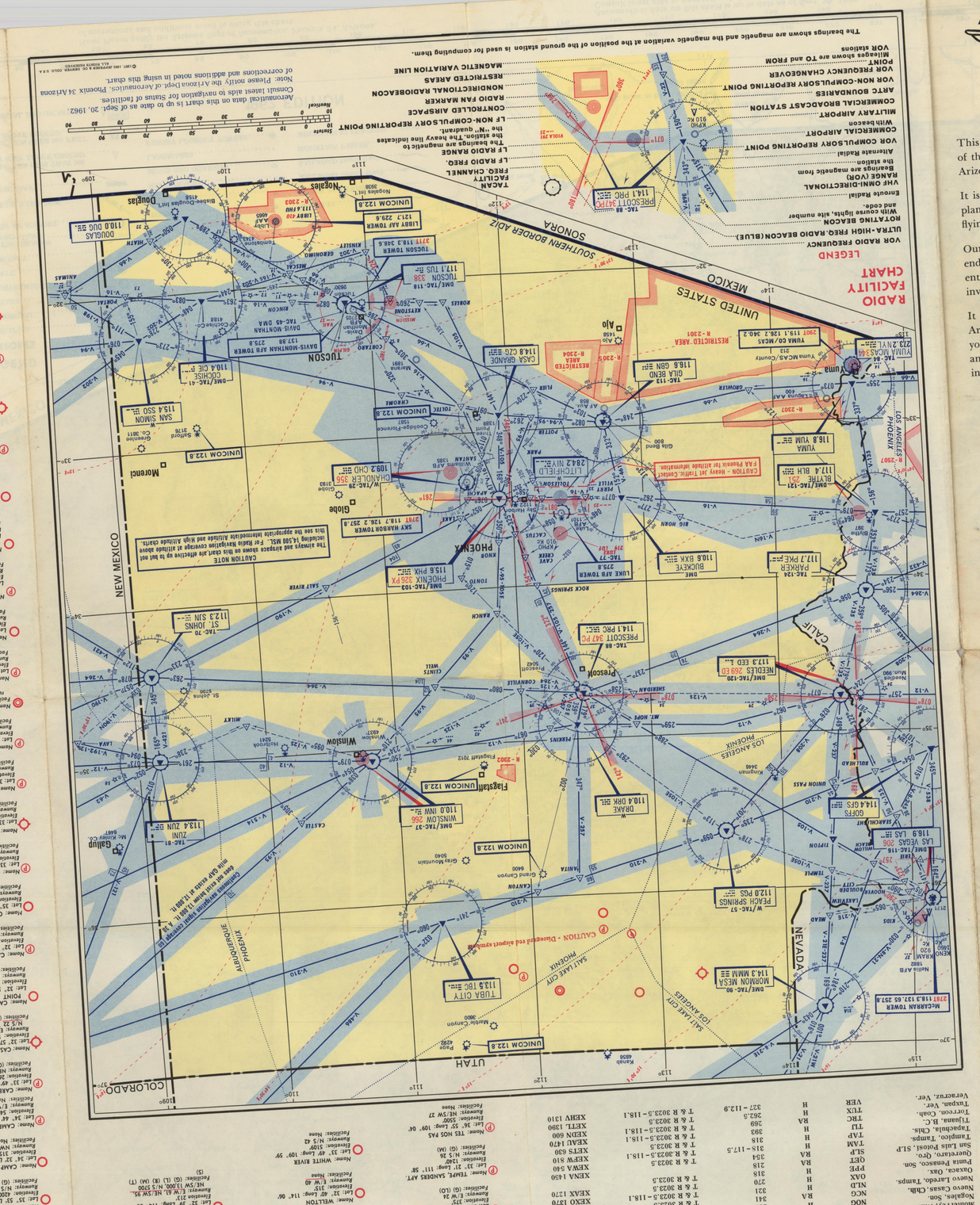
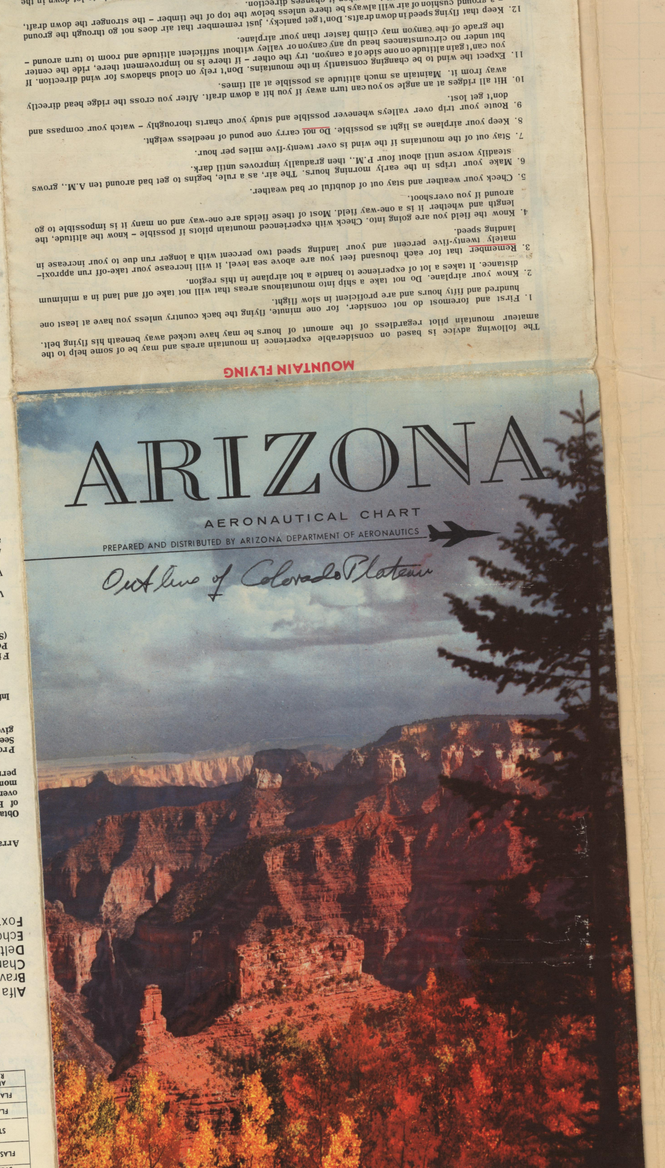
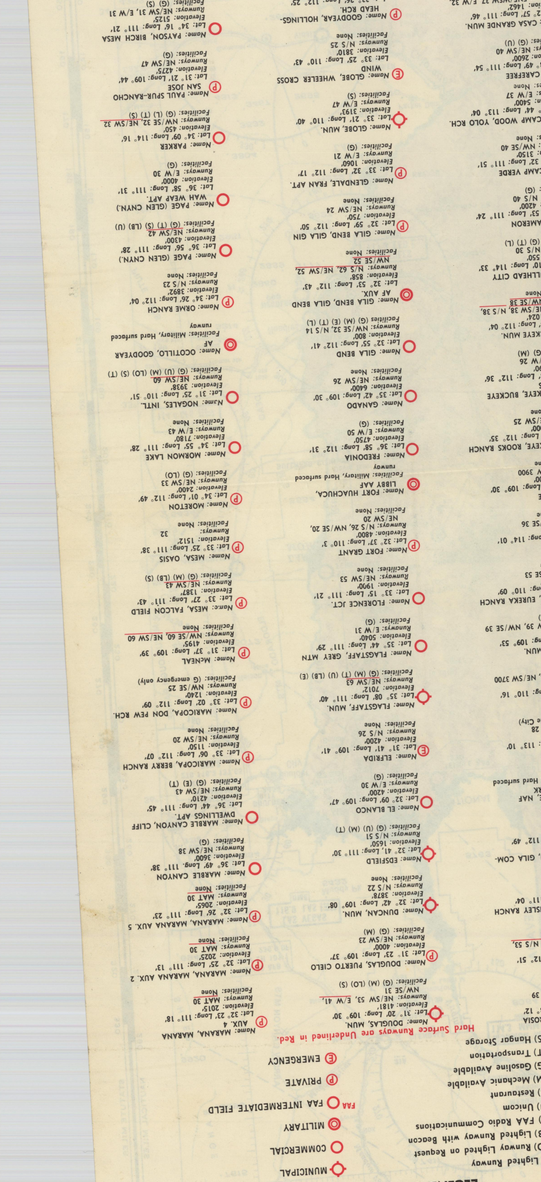
It is suggested that this directory be kept in the glove compartment of your airplane, readily available for quick reference and as an aid to you in planning your flying trips throughout the state of Arizona.

Our state has been richly endowed with an abundance of natural beauty and endless blue skies. Recreational facilities are provided for your pleasure and entertainment. These facilities are available to you throughout the year, and we invite you to avail yourself of the many pleasureable hours they afford.

It is with pride that we extend a cordial invitation to you to visit and vacation in Arizona. We sincerely urge that you fly safely, drive safely and play safely while you enjoy yourself in our beautiful state. We are honored to serve as your host and we sincerely hope that you will grant us this same opportunity many times in the future.

Paul J. Fannin
GOVERNOR

Jim Vesselka
DIRECTOR

BOARD OF DIRECTORS

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