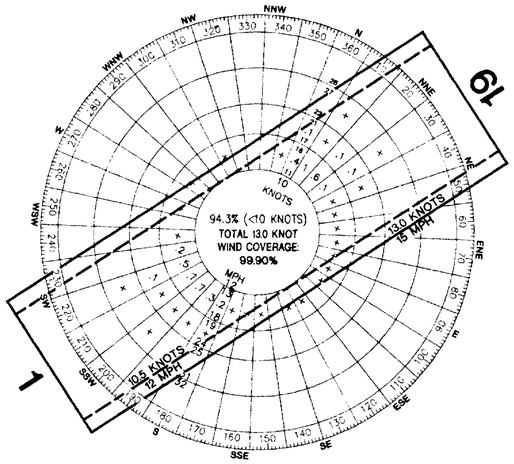


ALL WEATHER WIND ROSE

SOURCE: U.S. FOREST SERVICE, REMOTE WEATHER OBSERVATION SYSTEM, WHITERIVER, ARIZONA
JANUARY 1996 - DECEMBER 1996
10.5 KNOT/12 MPH CROSSWIND COVERAGE RUNWAYS 1/19 = 99.74%
13.0 KNOT/15 MPH CROSSWIND COVERAGE RUNWAYS 1/19 = 99.90%

LEGEND

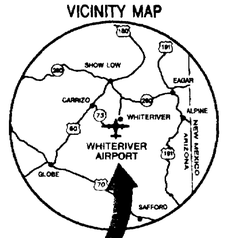
EXISTING	ULTIMATE	DESCRIPTION	EXISTING	ULTIMATE	DESCRIPTION
		DEVELOPMENT			IMPROVED ROAD
		STRUCTURE/FACILITIES			UNIMPROVED ROAD
		EARTHWORK			THRESHOLD/RUNWAY END LIGHT
		AIRPORT BOUNDARY LINE			REIL
		RUNWAY PROTECTION ZONE (RPZ)			VASI / PAPI
		RUNWAY SAFETY AREA (RSA)			WIND CONE
		RUNWAY OBSTACLE FREE ZONE (OFZ)			AIRPORT REFERENCE POINT (ARP)
		RUNWAY OBJECT FREE AREA (ROFA)			AWOS
		TAXIWAY SAFETY AREA (TSA)			AIRCRAFT TIEDOWN
		TAXIWAY OBJECT FREE AREA (TOFA)			SECTION CORNER
		BUILDING RESTRICTION LINE (BRL)			STATE GRID COORDINATE (NAD '83)
5100		CONTOURS			CONTROL POINT
		SECURITY FENCING			RW/TW EDGE LIGHTS (NOT TO SCALE)
		HELICOPTER PARKING PAD			

MAGNETIC DECLINATION: 11° 49' 48"
SOURCE: INTERPEX/GEOMAGIX, 12/18/1997
ANNUAL RATE OF CHANGE: - 52"

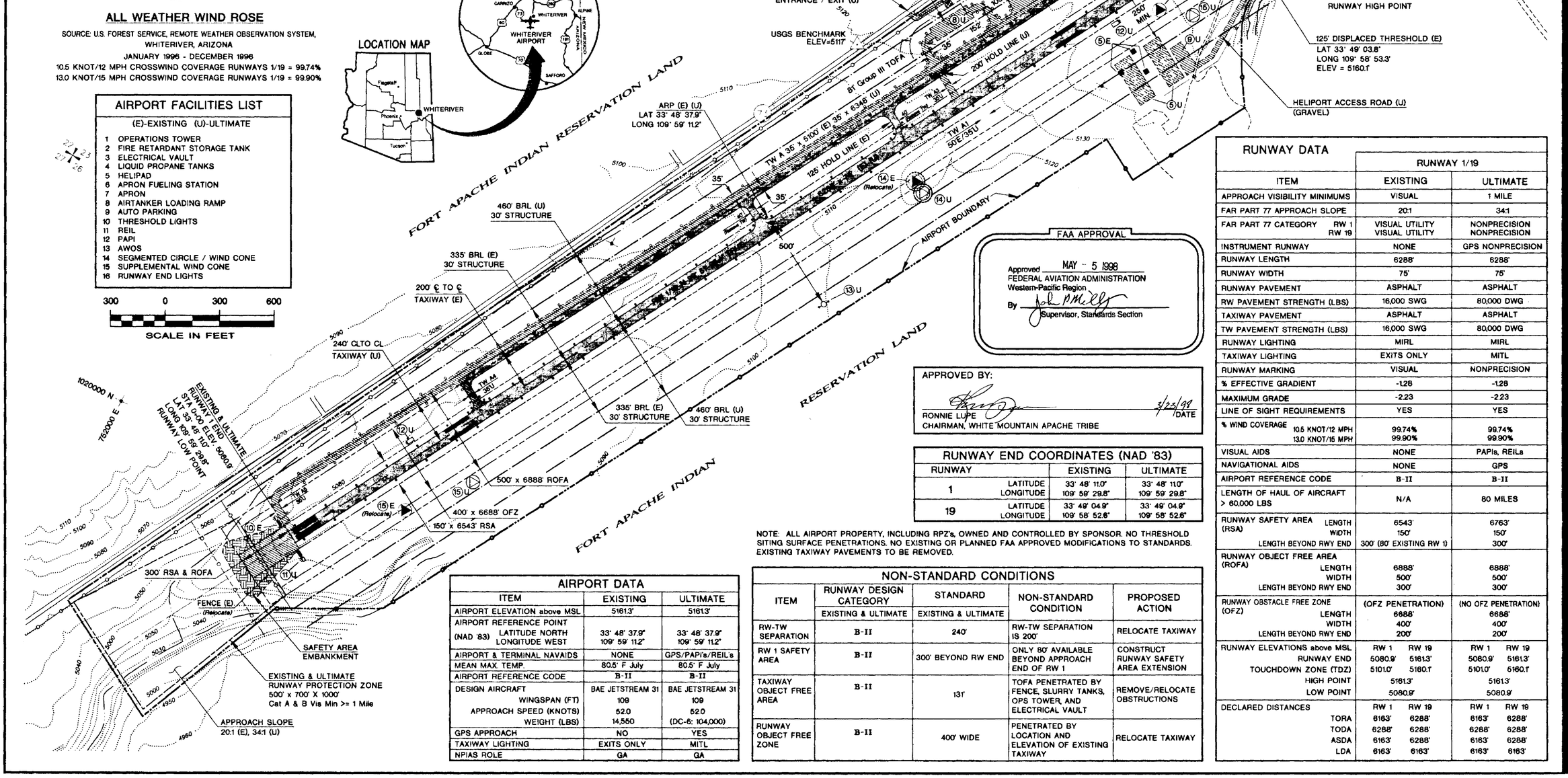
11° 49' 48"

ARMSTRONG CONSULTANTS

VICINITY MAP



LOCATION MAP



AIRPORT FACILITIES LIST

(E)-EXISTING (U)-ULTIMATE

1 OPERATIONS TOWER
2 FIRE RETARDANT STORAGE TANK
3 ELECTRICAL VAULT
4 LIQUID PROPANE TANKS
5 HELIPAD
6 APRON FUELING STATION
7 APRON
8 AIRTANKER LOADING RAMP
9 AUTO PARKING
10 THRESHOLD LIGHTS
11 REIL
12 PAPI
13 AWOS
14 SEGMENTED CIRCLE / WIND CONE
15 SUPPLEMENTAL WIND CONE
16 RUNWAY END LIGHTS

300 0 300 600
SCALE IN FEET

FAA APPROVAL

Approved MAY - 5 1998
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By _____
Supervisor, Standards Section

APPROVED BY:

RONNIE LUPE
CHAIRMAN, WHITE MOUNTAIN APACHE TRIBE
3/23/98 DATE

RUNWAY END COORDINATES (NAD '83)

RUNWAY		EXISTING	ULTIMATE
1	LATITUDE	33° 48' 11.0"	33° 48' 11.0"
	LONGITUDE	109° 59' 29.8"	109° 59' 29.8"
19	LATITUDE	33° 49' 04.9"	33° 49' 04.9"
	LONGITUDE	109° 58' 52.6"	109° 58' 52.6"

NOTE: ALL AIRPORT PROPERTY, INCLUDING RPZ's, OWNED AND CONTROLLED BY SPONSOR. NO THRESHOLD SITING SURFACE PENETRATIONS. NO EXISTING OR PLANNED FAA APPROVED MODIFICATIONS TO STANDARDS. EXISTING TAXIWAY PAVEMENTS TO BE REMOVED.

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION above MSL	5161.3'	5161.3'
AIRPORT REFERENCE POINT (NAD '83) LATITUDE NORTH	33° 48' 37.9"	33° 48' 37.9"
LONGITUDE WEST	109° 59' 11.2"	109° 59' 11.2"
AIRPORT & TERMINAL NAVAIDS	NONE	GPS/PAPI's/REIL's
MEAN MAX. TEMP.	80.5° F July	80.5° F July
AIRPORT REFERENCE CODE	B-II	B-II
DESIGN AIRCRAFT	BAE JETSTREAM 31	BAE JETSTREAM 31
WINGSPAN (FT)	109	109
APPROACH SPEED (KNOTS)	52.0	52.0
WEIGHT (LBS)	14,550	(DC-6: 104,000)
GPS APPROACH	NO	YES
TAXIWAY LIGHTING	EXITS ONLY	MITL
NPIAS ROLE	GA	GA

NON-STANDARD CONDITIONS

ITEM	RUNWAY DESIGN CATEGORY (EXISTING & ULTIMATE)	STANDARD (EXISTING & ULTIMATE)	NON-STANDARD CONDITION	PROPOSED ACTION
RW-TW SEPARATION	B-II	240'	RW-TW SEPARATION IS 200'	RELOCATE TAXIWAY
RW 1 SAFETY AREA	B-II	300' BEYOND RW END	ONLY 80' AVAILABLE BEYOND APPROACH END OF RW 1	CONSTRUCT RUNWAY SAFETY AREA EXTENSION
TAXIWAY OBJECT FREE AREA	B-II	131'	TOFA PENETRATED BY FENCE, SLURRY TANKS, OPS TOWER, AND ELECTRICAL VAULT	REMOVE/RELOCATE OBSTRUCTIONS
RUNWAY OBJECT FREE ZONE	B-II	400' WIDE	PENETRATED BY LOCATION AND ELEVATION OF EXISTING TAXIWAY	RELOCATE TAXIWAY

RUNWAY DATA

ITEM	RUNWAY 1/19 EXISTING	RUNWAY 1/19 ULTIMATE
APPROACH VISIBILITY MINIMUMS	VISUAL	1 MILE
FAR PART 77 APPROACH SLOPE	20:1	34:1
FAR PART 77 CATEGORY RW 1	VISUAL UTILITY	NONPRECISION
RW 19	VISUAL UTILITY	NONPRECISION
INSTRUMENT RUNWAY	NONE	GPS NONPRECISION
RUNWAY LENGTH	6288'	6288'
RUNWAY WIDTH	75'	75'
RUNWAY PAVEMENT	ASPHALT	ASPHALT
RW PAVEMENT STRENGTH (LBS)	16,000 SWG	80,000 DWG
TAXIWAY PAVEMENT	ASPHALT	ASPHALT
TW PAVEMENT STRENGTH (LBS)	16,000 SWG	80,000 DWG
RUNWAY LIGHTING	MIRL	MIRL
TAXIWAY LIGHTING	EXITS ONLY	MITL
RUNWAY MARKING	VISUAL	NONPRECISION
% EFFECTIVE GRADIENT	-1.28	-1.28
MAXIMUM GRADE	-2.23	-2.23
LINE OF SIGHT REQUIREMENTS	YES	YES
% WIND COVERAGE 10.5 KNOT/12 MPH	99.74%	99.74%
13.0 KNOT/15 MPH	99.90%	99.90%
VISUAL AIDS	NONE	PAPIs, REILs
NAVIGATIONAL AIDS	NONE	GPS
AIRPORT REFERENCE CODE	B-II	B-II
LENGTH OF HAUL OF AIRCRAFT > 60,000 LBS	N/A	60 MILES
RUNWAY SAFETY AREA (RSA) LENGTH	6543'	6763'
WIDTH	150'	150'
LENGTH BEYOND RWY END	300' (80' EXISTING RW 1)	300'
RUNWAY OBJECT FREE AREA (ROFA) LENGTH	6888'	6888'
WIDTH	500'	500'
LENGTH BEYOND RWY END	300'	300'
RUNWAY OBSTACLE FREE ZONE (OFZ)	(OFZ PENETRATION)	(NO OFZ PENETRATION)
LENGTH	6688'	6688'
WIDTH	400'	400'
LENGTH BEYOND RWY END	200'	200'
RUNWAY ELEVATIONS above MSL	RW 1 / RW 19	RW 1 / RW 19
RUNWAY END	5080.9' / 5161.3'	5080.9' / 5161.3'
TOUCHDOWN ZONE (TDZ)	5101.0' / 5160.1'	5101.0' / 5160.1'
HIGH POINT	5161.3'	5161.3'
LOW POINT	5080.9'	5080.9'
DECLARED DISTANCES	RW 1 / RW 19	RW 1 / RW 19
TORA	6163' / 6288'	6163' / 6288'
TODA	6288' / 6288'	6288' / 6288'
ASDA	6163' / 6288'	6163' / 6288'
LDA	6163' / 6163'	6163' / 6163'

ARMSTRONG CONSULTANTS, INC.
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Grand Junction, CO 81501

WHITERIVER AIRPORT
WHITERIVER, ARIZONA
AIRPORT LAYOUT PLANS
Airport Sponsor:
WHITE MTN APACHE TRIBE

No.	Revision	Date	By

The preparation of these documents was financed in part through a planning grant from the Federal Aviation Administration as provided for under Section 505 of the Airport and Airway Improvement Act of 1982, as amended. The contents do not necessarily reflect the official views or policy of the FAA. Acceptance of the documents by the FAA does not in any way indicate or imply that the recommendations or conclusions contained herein are free from errors or omissions, nor does it indicate or imply approval or disapproval of any development depicted herein. Use of a specific product or service does not constitute FAA endorsement.

Project No: 965483
Date: 03/19/98
File Name: ALP

Drawn: KMS
Checked: DAC
Approved: EAA

AIRPORT LAYOUT PLAN