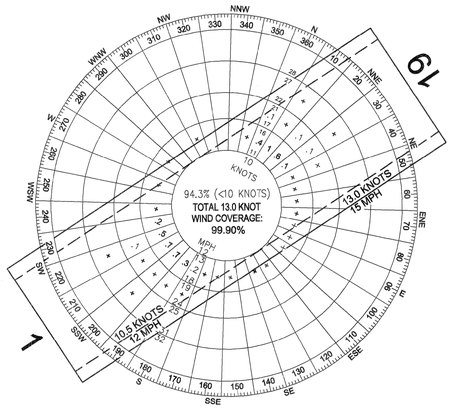


ALL WEATHER WIND ROSE

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

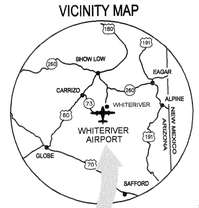
EXISTING	ULTIMATE	DESCRIPTION	EXISTING	ULTIMATE	DESCRIPTION
		DEVELOPMENT			IMPROVED ROAD
		STRUCTURE/FACILITIES			UNIMPROVED ROAD
		DRAINAGE			THRESHOLD/RUNWAY END LIGHT
		AIRPORT BOUNDARY LINE			REIL
		RUNWAY PROTECTION ZONE (RPZ)			PAPI
		RUNWAY SAFETY AREA (RSA)			WIND CONE
		RUNWAY OBSTACLE FREE 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
		FENCING: CHAIN LINK/BARBWIRE			RW/TW EDGE LIGHTS (NOT TO SCALE)
	UGP	UTILITIES (POWER)			
	W	UTILITIES (WATER)			
		BEACON			

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

11° 49' 48"

ARMSTRONG CONSULTANTS

VICINITY MAP



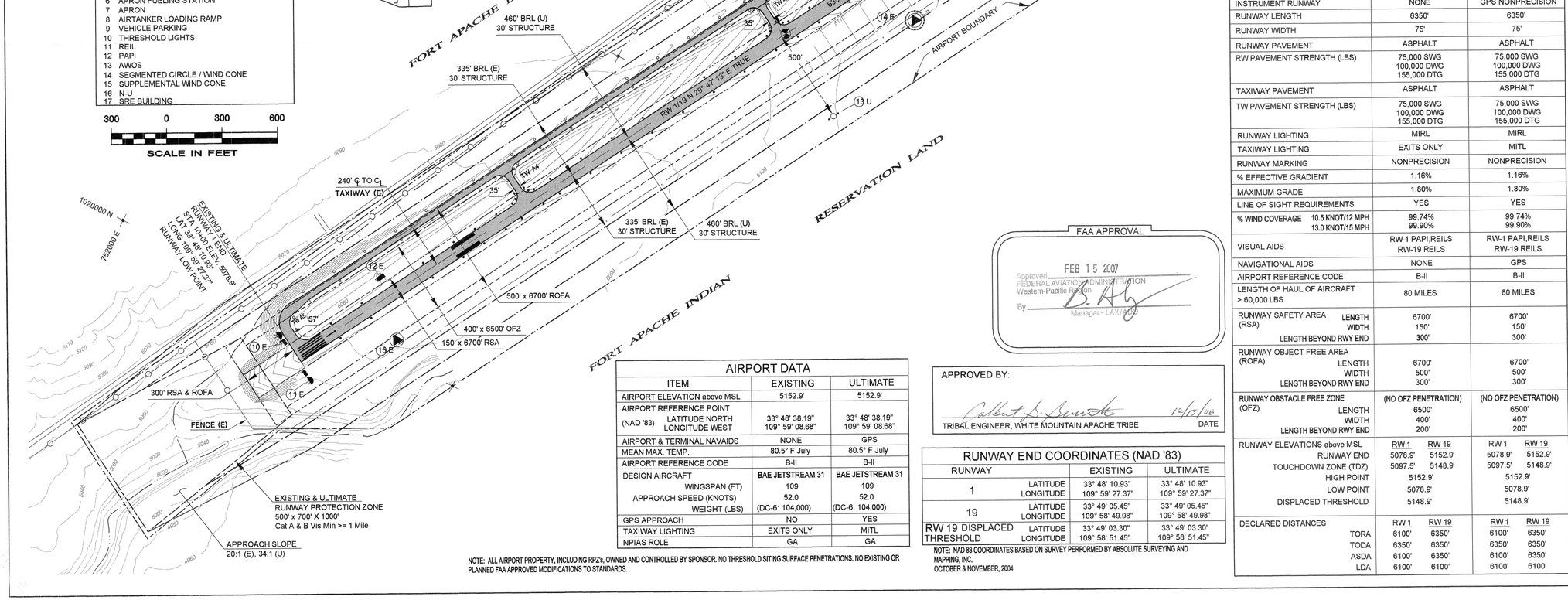
LOCATION MAP

AIRPORT FACILITIES LIST

(E)-EXISTING (U)-ULTIMATE (F)-FUTURE

1 OPERATIONS TOWER
2 FIRE RETARDANT STORAGE TANK
3 ELECTRICAL VAULT
4 N-U
5 HELICOPTER PARKING
6 APRON FUELING STATION
7 APRON
8 AIRTANKER LOADING RAMP
9 VEHICLE PARKING
10 THRESHOLD LIGHTS
11 REIL
12 PAPI
13 AWOS
14 SEGMENTED CIRCLE / WIND CONE
15 SUPPLEMENTAL WIND CONE
16 N-U
17 SRE BUILDING

300 0 300 600
SCALE IN FEET



RUNWAY ITEM/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 RW 19	VISUAL VISUAL	NONPRECISION NONPRECISION
INSTRUMENT RUNWAY	NONE	GPS NONPRECISION
RUNWAY LENGTH	6350'	6350'
RUNWAY WIDTH	75'	75'
RUNWAY PAVEMENT	ASPHALT	ASPHALT
RW PAVEMENT STRENGTH (LBS)	75,000 SWG 100,000 DWG 155,000 DTG	75,000 SWG 100,000 DWG 155,000 DTG
TAXIWAY PAVEMENT	ASPHALT	ASPHALT
TW PAVEMENT STRENGTH (LBS)	75,000 SWG 100,000 DWG 155,000 DTG	75,000 SWG 100,000 DWG 155,000 DTG
RUNWAY LIGHTING	MIRL	MIRL
TAXIWAY LIGHTING	EXITS ONLY	MITL
RUNWAY MARKING	NONPRECISION	NONPRECISION
% EFFECTIVE GRADIENT	1.16%	1.16%
MAXIMUM GRADE	1.80%	1.80%
LINE OF SIGHT REQUIREMENTS	YES	YES
% WIND COVERAGE 10.5 KNOT/12 MPH 13.0 KNOT/15 MPH	99.74% 99.90%	99.74% 99.90%
VISUAL AIDS	RW-1 PAPI,REILS RW-19 REILS	RW-1 PAPI,REILS RW-19 REILS
NAVIGATIONAL AIDS	NONE	GPS
AIRPORT REFERENCE CODE	B-II	B-II
LENGTH OF HAUL OF AIRCRAFT > 60,000 LBS	80 MILES	80 MILES
RUNWAY SAFETY AREA (RSA) LENGTH WIDTH LENGTH BEYOND RWY END	6700' 150' 300'	6700' 150' 300'
RUNWAY OBJECT FREE AREA (ROFA) LENGTH WIDTH LENGTH BEYOND RWY END	6700' 500' 300'	6700' 500' 300'
RUNWAY OBSTACLE FREE ZONE (OFZ) LENGTH WIDTH LENGTH BEYOND RWY END	(NO OFZ PENETRATION) 6500' 400' 200'	(NO OFZ PENETRATION) 6500' 400' 200'
RUNWAY ELEVATIONS above MSL RUNWAY END	RW 1 5078.9' RW 19 5152.9'	RW 1 5078.9' RW 19 5152.9'
TOUCHDOWN ZONE (TDZ)	5097.5' 5148.9'	5097.5' 5148.9'
HIGH POINT	5152.9'	5152.9'
LOW POINT	5078.9'	5078.9'
DISPLACED THRESHOLD	5148.9'	5148.9'
DECLARED DISTANCES TORA	RW 1 6100' RW 19 6350'	RW 1 6100' RW 19 6350'
TODA	6350' 6350'	6350' 6350'
ASDA	6100' 6350'	6100' 6350'
LDA	6100' 6100'	6100' 6100'

AIRPORT DATA

ITEM	EXISTING	ULTIMATE
AIRPORT ELEVATION above MSL	5152.9'	5152.9'
AIRPORT REFERENCE POINT (NAD '83) LATITUDE NORTH LONGITUDE WEST	33° 48' 38.19" 109° 59' 08.68"	33° 48' 38.19" 109° 59' 08.68"
AIRPORT & TERMINAL NAVAIDS	NONE	GPS
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)	(DC-6: 104,000)	(DC-6: 104,000)
GPS APPROACH	NO	YES
TAXIWAY LIGHTING	EXITS ONLY	MITL
NPIAS ROLE	GA	GA

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.

FAA APPROVAL

Approved FEB 15 2007
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By _____
Manager - LAX/ADO

APPROVED BY:

_____ 12/15/06
TRIBAL ENGINEER, WHITE MOUNTAIN APACHE TRIBE DATE

RUNWAY END COORDINATES (NAD '83)

RUNWAY		EXISTING	ULTIMATE
1	LATITUDE LONGITUDE	33° 48' 10.93" 109° 59' 27.37"	33° 48' 10.93" 109° 59' 27.37"
19	LATITUDE LONGITUDE	33° 49' 05.45" 109° 58' 49.98"	33° 49' 05.45" 109° 58' 49.98"
RW 19 DISPLACED THRESHOLD	LATITUDE LONGITUDE	33° 49' 03.30" 109° 58' 51.45"	33° 49' 03.30" 109° 58' 51.45"

NOTE: NAD 83 COORDINATES BASED ON SURVEY PERFORMED BY ABSOLUTE SURVEYING AND MAPPING, INC.
OCTOBER & NOVEMBER, 2004

ARMSTRONG CONSULTANTS, INC.
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WHITERIVER AIRPORT
WHITERIVER, ARIZONA
AIRPORT LAYOUT PLANS
Airport Sponsor:
WHITE MTN APACHE TRIBE

No.	Revision	Date	By
2	UPDATE PER "AS BUILTS" (045697)	12/14/06	SST
1	UPDATE PER 01 CONST. (005536)	8-02-01	DC
0	ORIGINAL ALP (965483)	3-19-98	DC

The preparation of these documents was financed in part through a planning grant from the Airport Improvement Program of the Federal Aviation Administration under the Federal Aviation Act of 1982. As a consultant, the contents do not necessarily reflect the official views or policy of the FAA. Acceptance of this document by the FAA does not in no way constitute a commitment on the part of the United States to participate in any development depicted herein nor does it indicate that the proposed development is environmentally acceptable to warrant any appropriate public funds.

Project No: 045697
Date: 12/14/06
File Name: 5697502

Drawn: RDF
Checked: DAC
Approved: EAA

AIRPORT LAYOUT PLAN