RUNWAY DATA TABLE

DATA ELEMENTS			RWY 03–21 EXISTING	RWY 03–21 FUTURE
RUNWAY CATEGORY/DESIGN GROUP CODE			B–I (SMALL AIRCRAFT)	B–II
RUNWAY DIMENSION			5,130' x 75'	SAME
RUNWAY BEARING (TRUE)			N 44 56' 00" E	SAME
MAXIMUM RUNWAY ELEVATION (MSL)			4,827'	SAME
RUNWAY NAVAIDS (ILS, NDB, GPS) (CURRENTLY INOPERATIVE)			GPS–A	GPS
RUNWAY VISUAL AIDS (GVGI, REIL, ETC.)			VASIs, R.E.I.L.	SAME
APPROACH SLOPE			20:1	RWY 03 34:1; RWY 21 20:1
APPROACH VISIBILITY MINIMUMS			1.5 MILES	SAME
THRESHOLD DISPLACEMENT			NONE	NONE
RUNWAY SAFETY AREA (RSA)	RUNWAY 03	200'	5,570' x 120'	(SEE NOTE 2)
	RUNWAY 21	240'	5,570' x 120'	(SEE NOTE 2)
RUNWAY OBJECT FREE AREA (OFA)			5,610' x 250'	SAME (SEE NOTE 5)
OBJECT FREE ZONE (OFZ)			5,530' x 250'	5,530' x 500'
PAVEMENT STRENGTH	POUNDS (1000)		15,000 SWL	30,000 SWL
	TYPE		ASPHALT	SAME
PAVEMENT SURFACE TREATMENT* NOTE: P–SEAL=PAVER SEAL COAT 5/8" ACFC=ASPHALTIC CONCRETE FRICTION COURSE ACOL=ASPHALT CONCRETE OVERLAY			P–SEAL/1/2" ACFC ACOL	SEE PAVEMENT MAINTENANCE PROGRAM
RUNWAY MARKING	TYPE		VISUAL/BASIC	NON–PRECISION
RUNWAY EFFECTIVE GRADIENT (%)			1.82	SAME
RUNWAY LIGHTING (LIRL, MIRL, HIRL)			MIRL	SAME
RUNWAY APPROACH LIGHTING (ODALS, MALSAR, ETC.)			NONE	NONE
FAR PART 77 CATEGORY			VISUAL	NON–PRECISION

TAXIWAY DATA TABLE

DATA ELEMENTS	EXISTING	FUTURE
TAXIWAY DIMENSIONS	4,600' x 40'	4,600' x 35'
TAXIWAY SURFACE TYPE	ASPHALT	ASPHALT
TAXIWAY MARKING	BASIC	BASIC
TAXIWAY LIGHTING (REFLECTORS, MITL)	NONE	MITL

RUNWAY END COORDINATES

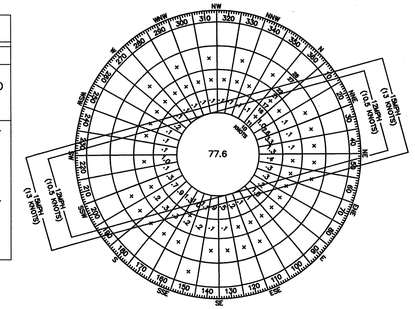
RUNWAY		EXISTING	ULTIMATE
RUNWAY 3	LATITUDE	34°50'37.40"N	SAME
	LONGITUDE	111°47'40.68"W	SAME
RUNWAY 21	LATITUDE	34°51'12.59"N	SAME
	LONGITUDE	111°46'56.32"W	SAME

GENERAL NOTES:

1. ALL LAT/LONG COORDINATES ARE NORTH AMERICAN DATUM 1983 (NAD 83)
2. ACTUAL RSA ATTAINABLE IS 5570' X 120'. RSA CANNOT BE ACHIEVED DUE TO EXISTING TERRAIN SLOPES.MODIFICATION TO STANDARDS IS REQUESTED (SEE MODIFICATION TO STANDARDS TABLE)
3. A BOUNDARY SURVEY TO VERIFY THE AIRPORT PROPERTY LINE WAS CONDUCTED BY YAVAPAI COUNTY IN JUNE 1999. THE SURVEY REVEALED AN ERROR IN THE PROPERTY LINE AS DEPICTED ON THE APPROVED ALP. THE PROPERTY NECESSARY TO FACILITATE EXISTING AND FUTURE AIRPORT DEVELOPEMENT NEEDS TO BE TRANSFERRED FROM THE USFS.
4. THE FOLLOWING BUILDINGS PENETRATE THE FUTURE FAR PART 77 TRANSITION SURFACE FOR RUNWAY 03–21: BUILDING #24, MAXIMUM PERMITTED HEIGHT IS 9 FEET. BUILDING 25, MAXIMUM PERMITTED HEIGHT IS 15 FT. BUILDINGS #21 AND 22, MAXIMUM HEIGHT PERMITTED IS 20 FT. IT IS RECOMMENDED THAT THE AIRPORT SURVEY THE HEIGHT OF THESE BUILDINGS AND/OR RELOCATE THEM IF NECESSARY.
5. TO PREVENT HOLD BARS ON THE TAXIWAY CONNECTORS FROM INTRUDING INTO THE TAXIWAY OFA AND ALLOW ADEQUATE CLEARANCE FOR TAXIING AIRCRAFT, EXISTING OFA DIMENSIONS REMAIN FOR SMALL AIRCRAFT EXCLUSIVE STANDARDS.

MODIFICATION TO STANDARDS

ITEM	STANDARD	COMMENTS
1. EXISTING RUNWAY SAFETY AREA LENGTH (B–I AIRCRAFT)	240' BEYOND RUNWAY END 120' WIDE	REQUEST APPROVAL OF 200–FOOT RUNWAY 03 END SAFETY AREA LENGTH TO MEET EXISTING B–I REQUIREMENTS.
2. FUTURE RUNWAY SAFETY AREA (B–II AIRCRAFT)	300' BEYOND RUNWAY END 150' WIDE	REQUEST APPROVAL OF 200 X 120–FOOT RUNWAY 03 END SAFETY AREA LENGTH/WIDTH TO MEET FUTURE B–II REQUIREMENTS. REQUEST APPROVAL OF 240 X 120–FOOT RUNWAY 21 END SAFETY AREA LENGTH/WIDTH TO MEET FUTURE B–II REQUIREMENTS.



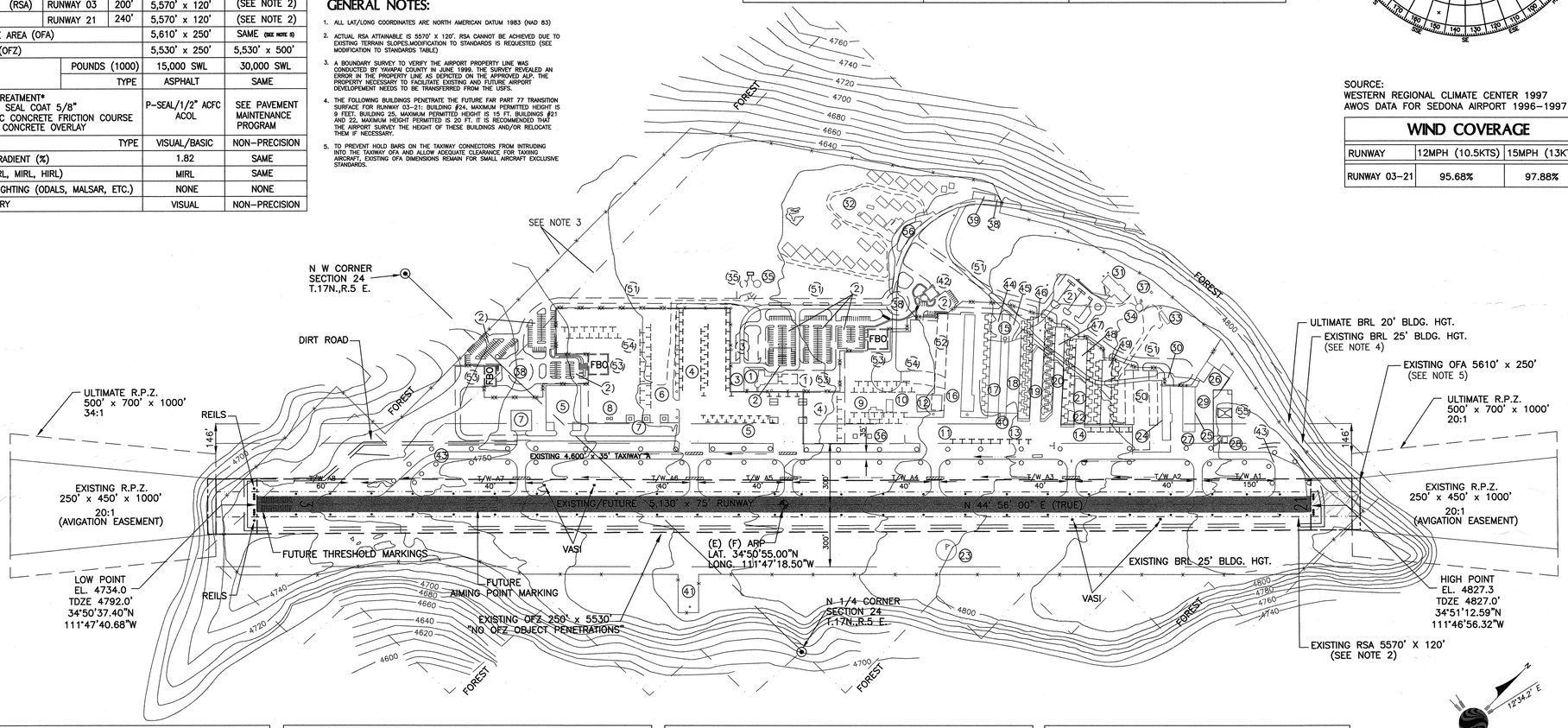
SOURCE:
WESTERN REGIONAL CLIMATE CENTER 1997
AWOS DATA FOR SEDONA AIRPORT 1996–1997

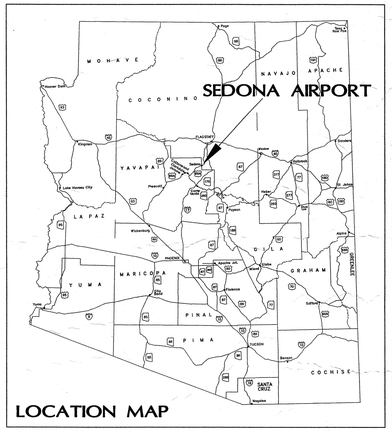
WIND COVERAGE

RUNWAY	12MPH (10.5KTS)	15MPH (13KTS)
RUNWAY 03–21	95.68%	97.88%

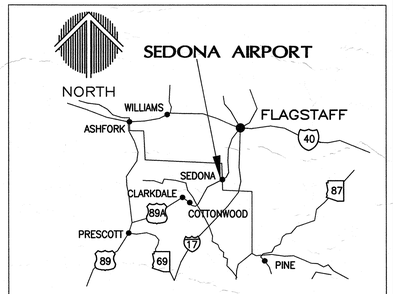
LEGEND

EXISTING	FUTURE	DESCRIPTION
		PROPERTY LINE
		FENCING
		BUILDING RESTRICTION LINE
		AIRPORT REFERENCE POINT (ARP)
		FACILITY DEVELOPMENT
		RUNWAY SAFETY AREA
		BUILDING FACILITIES
		DRAINAGE
		CULVERT
4780		TOPOGRAPHIC CONTOUR
		PAVED ROAD
		UNPAVED ROAD
		POWER POLE
		SECURITY LIGHT
		MEDIUM INTENSITY RUNWAY LIGHTS (MIRL)
		MEDIUM INTENSITY TAXIWAY LIGHTS (MITL)
		RUNWAY THRESHOLD LIGHTS
		AIRPORT ROTATING BEACON
		SEGMENTED CIRCLE WITH WIND CONE
		CONCRETE HELIPAD
		SECTION CORNER
		DIRT ROAD
		OBJECT FREE AREA
		OBJECT FREE ZONE
		VASI





LOCATION MAP



VICINITY MAP

MAGNETIC DECLINATION = 12°34.2 EAST (1999)
ANNUAL RATE OF CHANGE = –.80' WEST
SOURCE: NOAA, 1999

0 300 600 900 1200
HORIZONTAL SCALE 1"=300'

BUILDINGS/FACILITIES

EXISTING	FUTURE	DESCRIPTION
1	1	TERMINAL BUILDING
2	2	AUTO PARKING SPACES
3	3	14 RESERVED AUTO PARKING SPACES – 25 FUTURE SPACES
4	4	AIRCRAFT RAMP "A" 43 TIEDOWNS PER N716 LOSE 7 W/AIP #09 & OTHERS W/N716
5		RAMP "A" – 6 HELICOPTER PARKING SPACES – (REMOVED)
6		OFFICE BUILDING (GONE)
7		CONCRETE HELIPAD
8		2 ABOVEGROUND FUEL TANKS & PUMPS
9		RESTAURANT (TO BE RELOCATED)
10		COMM. ACT. BUILDING (TO BE REMOVED)
11		AIRCRAFT RAMP "B" 11 TIEDOWNS PER N716 LOSE 7 W/AIP #09 & 06
12		AIRCRAFT RAMP "C" (TO BE REMOVED)
13		AIRCRAFT MAINTENANCE BUILDING & OFFICE (TO BE REMOVED W/AIP #09)
14		AIRCRAFT RAMP "D" 12 TIEDOWNS PER N716 LOSE 6 W/AIP #09 & 06
15		AIRPORT ROTATING BEACON
16		B–0 8 CORPORATE HANGARS
17		B–1 13 "T" HANGARS (8 PVT & 5 SAA)
18		B–2 13 "T" HANGARS (8 PVT & 5 SAA)
19		B–3 15 "T" HANGARS (PVT)
20		B–4 12 "T" HANGARS (PVT)

BUILDINGS/FACILITIES

EXISTING	FUTURE	DESCRIPTION
21		B–5 7 "T" HANGARS (PVT)
22		CIVIL AIR PATROL OFFICE (TO BE RELOCATED)
23		SEGMENTED CIRCLE WITH LIGHTED WIND CONE
24		6 HANGARS (SAA)
25		5 HANGARS (SAA)
26		2 HANGARS (SAA)
27		(a) ACFT. MAINT. FACILITY 2 HGRS W/ OFF (b) 2 STORY OFF SUITE
28		OFFICE BUILDING LEASE (TO BE RELOCATED)
29		AIRCRAFT RAMP "E" 10 TIEDOWNS PER N716 LOSE 3 W/ AIP #09 & 06
30		18 AUTO PARKING SPACES
31		MASONIC LODGE
32		SKY RANCH LODGE
33		YAVAPAI COUNTY SHERIFF'S
34		WATER TANK (85,000 GALLONS)
35	35	WATER TANK (100,000 GALLONS)
36		2 HELIPADS (TO BE REMOVED W/AIP #09)
37		FIRE DEPT. RADIO ANTENNAE & CELL PHONE COMM. TWR.
38	38	AIRPORT DIRECTORY SIGNS
39		EXISTING OVERLOOK PARKING
40		ELECTRICAL VAULT BUILDING

BUILDINGS/FACILITIES

EXISTING	FUTURE	DESCRIPTION
41		AWOS SITE
	42	FUTURE FIRE DEPARTMENT
43		PARALLEL TAXIWAY
	44	FUTURE B–1 EXPANSION 7 "T" HANGARS
	45	FUTURE B–2 EXPANSION 6 "T" HANGARS
	46	FUTURE B–3 EXPANSION 8 "T" HANGARS
	47	FUTURE B–4 EXPANSION 8 "T" HANGARS
	48	FUTURE B–5 EXPANSION 8 "T" HANGARS
	49	FUTURE B–6 EXPANSION 6 HANGARS
	50	FUTURE B–7 EXPANSION 12 HANGARS (BEYOND 20–YEAR PLANNING PERIOD)
	51	FUTURE PAVED ROADS
	52	FUTURE B–0 EXPANSION FOR CORPORATE HANGARS
	53	FUTURE AIRCRAFT SERVICE COMPANIES/COMMERCIAL SITES
	54	FUTURE APRON "A" EXPANSION
	55	FUTURE WASH RACK AND OIL DISPOSAL
56		SKY RANCH LODGE ENTRANCE ROAD

AIRPORT DATA

		EXISTING	ULTIMATE
AIRPORT REFERENCE CODE		B–I	B–II
AIRCRAFT DESIGN GROUP		GROUP I	GROUP II
AIRCRAFT APPROACH CATEGORY		B	B
AIRPORT ELEVATION (M.S.L.)		4827.3'	4827.3'
MEAN MAX TEMPERATURE	JULY	95°F	95°F
AIRPORT AND TERMINAL NAVIGATION AIDS		G.P.S. VASI R.E.I.L (RUNWAY 3) ROTATING BEACON WIND CONES	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83) NORTH AMERICAN DATUM 1983	LAT.	34°50'55.00"N	SAME
	LONG.	111°47'18.50"W	SAME

FAA UPDATE APPROVAL

Approved SEP 27 2000
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By _____ Supervisor, Standards Section

FAA STATEMENT

THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF THE FAA. ACCEPTANCE OF THIS DOCUMENT BY THE FAA DOES NOT IN ANY 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 IN ACCORDANCE WITH APPROPRIATE PUBLIC LAWS.

FOR APPROVAL BY YAVAPAI COUNTY

APPROVED BY _____ TITLE _____ DATE _____

NO.	DESCRIPTION OF WORK	DATE	BY	APPROVED
2	"AS BUILT" UPDATE	08/00	RC	
1	ALP UPDATE	12/99	RC	

SEDONA AIRPORT
SEDONA, ARIZONA

AIRPORT LAYOUT PLAN

SCALE	JOB NO.	DATE	SHEET
1"=300'	81442608	8/00	2 OF 8

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