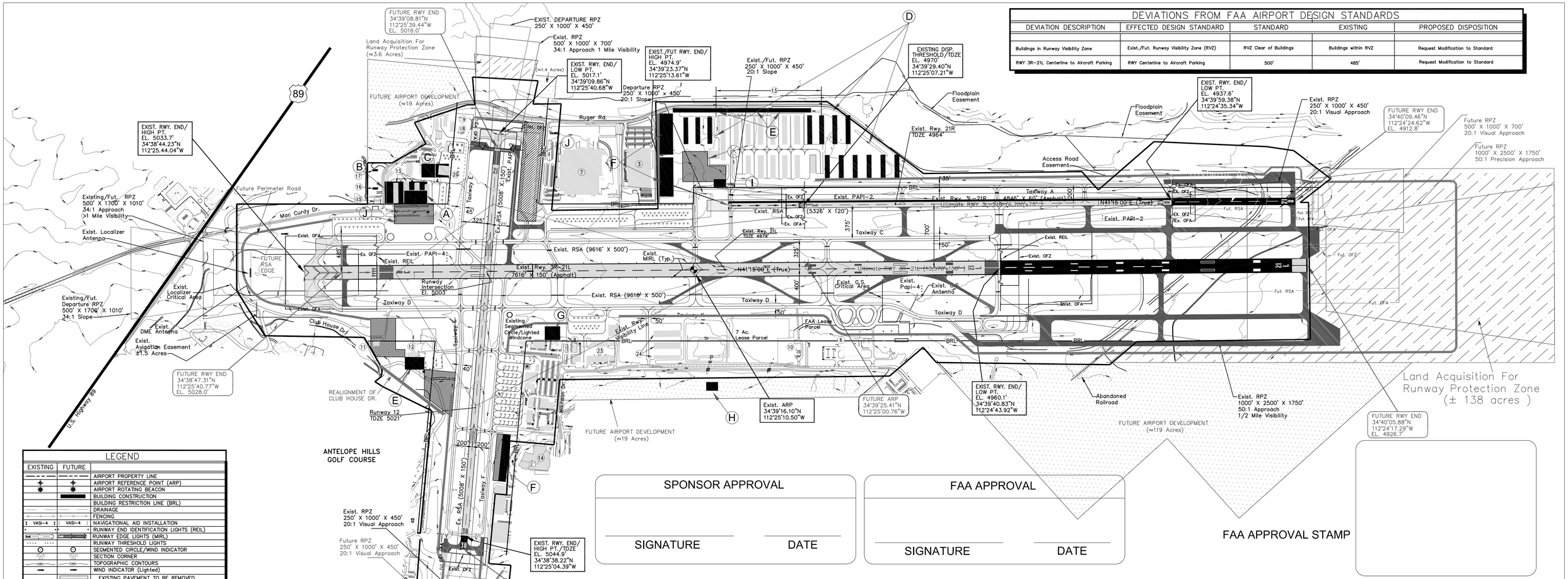

DEVIATIONS FROM FAA AIRPORT DESIGN STANDARDS

DEVIATION DESCRIPTION	EFFECTED DESIGN STANDARD	STANDARD	EXISTING	PROPOSED DISPOSITION
Buildings in Runway Visibility Zone	Exist./Fut. Runway Visibility Zone (RVZ)	RVZ Clear of Buildings	Buildings within RVZ	Request Modification to Standard
RWY 3R-21L Centerline to Aircraft Parking	RWY Centerline to Aircraft Parking	500'	485'	Request Modification to Standard

LEGEND

EXISTING	FUTURE	
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		BUILDING CONSTRUCTION
		BUILDING RESTRICTION LINE (BRL)
		DRAINAGE
		FENCING
VASI-4	VASI-4	NAVIGATIONAL AID INSTALLATION
		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY EDGE LIGHTS (MIRL)
		RUNWAY THRESHOLD LIGHTS
		SEGMENTED CIRCLE/WIND INDICATOR
		SECTION CORNER
1080	1080	TOPOGRAPHIC CONTOURS
		WIND INDICATOR (Lighted)
		EXISTING PAVEMENT TO BE REMOVED
		RP2 LAND ACQUISITION REQUIRED

BUILDINGS/FACILITIES

EXISTING	DESCRIPTION
1	TERMINAL BUILDING
2	AIRPORT TRAFFIC CONTROL TOWER (ATCT)
3	YAVAPAI COLLEGE
4	ADMINISTRATION BUILDING
5	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY
6	UNITED STATES FOREST SERVICE (USFS)
7	STRUM RUGER AND COMPANY
8	CONVENTIONAL HANGAR/OFFICE
9	AERO MECHANICS
10	FUEL STORAGE FACILITY
11	ARIZONA AIR CRAFTSMAN
12	AIRCRAFT RESCUE AND FIREFIGHTING FACILITY (ARFF)
13	T-HANGARS/T-SHADES
14	ALLIED SIGNAL AVIONICS
15	CUSTOM PILOT SERVICE
16	CIVIL AIR PATROL (CAP)
17	AIR GRAND CANYON
18	MILE HIGH AVIONICS
19	MAGNUM AERO
20	NORTH AIRE
21	AUTO PARKING
22	AIRCRAFT TIEDOWN AREA
23	RITTAIRE LLC.
24	MONARCH AVIATION LLC.
25	ELECTRICAL VAULT

FUTURE BUILDINGS/FACILITIES

	DESCRIPTION
A	COMMERCIAL TERMINAL
B	COMMERCIAL TERMINAL AUTO PARKING
C	ADMINISTRATION/MAINTENANCE FACILITY/AUTO PARKING
D	T-HANGARS
E	AUTO PARKING
F	CONVENTIONAL HANGAR
G	AIRCRAFT RESCUE FIRE FIGHTING (ARFF)
H	AIR TRAFFIC CONTROL TOWER
I	SELF SERVE FUELING AREA
J	AIRCRAFT APRON DEVELOPMENT
	PROPOSED RUNWAY DEVELOPMENT
	PROPOSED TAXIWAY DEVELOPMENT

ALL WEATHER WIND COVERAGE

	12 M.P.H. (14 KNOTS)	15 M.P.H. (17 KNOTS)
Runway 3-21	96.35%	98.85%
Runway 12-30	92.30%	97.70%
Combined Coverage	99.20%	99.95%

SOURCE:
U.S. Department of Commerce
NOAA - Nat'l. Climate Center
Ashville, North Carolina

OBSERVATIONS:
Ernest A. Love Field
Prescott, Arizona
1948 - 1978

AIRPORT DATA

ERNEST A. LOVE FIELD (PRC)

CITY: PRESCOTT | COUNTY: YAVAPAI, ARIZONA
RANGE: R.1W., R.2W. TOWNSHIP: T.15N. | CIVIL TOWNSHIP: --

		EXISTING	FUTURE
AIRPORT SERVICE LEVEL		COMMERCIAL	SAME
AIRPORT REFERENCE CODE		C-III	SAME
DESIGN AIRCRAFT		CRJ-700	SAME
AIRPORT ELEVATION (In feet-MSL)		5045'	5048'
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		90°F (July)	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES	Latitude	34°39'16.10"N	34°39'25.41"N
	Longitude	112°25'10.50"W	112°25'00.76"W
AIRPORT and TERMINAL NAVIGATIONAL AIDS		ILS (Rwy. 21L) VORTAC (Rwy. 12) GPS OVERLAY (Rwy. 12) ROTATING BEACON	SAME

SPONSOR APPROVAL

SIGNATURE | DATE

FAA APPROVAL

SIGNATURE | DATE

FAA APPROVAL STAMP

RUNWAY	RUNWAY 3L/21R				RUNWAY 3R/21L				RUNWAY 12/30			
	3L		21R		3R		21L		12		30	
	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
AIRPORT REFERENCE CODE	B-I	B-II	B-I	B-II	C-III	SAME	C-III	SAME	B-II	SAME	B-II	SAME
CRITICAL AIRCRAFT					CRJ 700	SAME	CRJ 700	SAME				
RUNWAY CATEGORY	UTILITY	SAME	UTILITY	SAME	TRANSPORT	SAME	TRANSPORT	SAME	UTILITY	SAME	UTILITY	SAME
RUNWAY LENGTH (FT)	4846'	6200'	4846'	6200'	7616'	10,570'	7616'	10,570'	4408'	SAME	4408'	SAME
RUNWAY WIDTH (FT)	60'	75'	60'	75'	150'	SAME	150'	SAME	75'		75'	SAME
EFFECTIVE RUNWAY GRADIENT	-.77	-.01	.77	.01	-0.97	-0.96	0.97	0.96	.63	.72	-.63	-.72
SURFACE COMPOSITION	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME	ASPHALT	SAME
SURFACE CONDITION	GROOVED	SAME	GROOVED	SAME	GROOVED	SAME	GROOVED	SAME	GROOVED	SAME	GROOVED	SAME
PAVEMENT STRENGTH (X 1000 LB)	12.5(S)	SAME	12.5(S)	SAME	63(S), 80(D), 100(DT)	SAME	63(S), 80(D), 100(DT)	SAME	12.5(S)	SAME	12.5(S)	SAME
RUNWAY MARKINGS	VISUAL	SAME	VISUAL	SAME	NON-PRECISION	SAME	PRECISION	SAME	NON-PRECISION	SAME	VISUAL	SAME
RUNWAY LIGHTING	MIRL	SAME	MIRL	SAME	MIRL	SAME	MIRL	SAME	MIRL	SAME	MIRL	SAME
INSTRUMENT RUNWAY	NO	SAME	NO	SAME	NON-PRECISION	SAME	PRECISION	SAME	NON-RECISION	SAME	NO	SAME
VISUAL AND INSTRUMENT NAVAIDS	PAPI-2	SAME	PAPI-2	SAME	PAPI-4, REIL	SAME	ILS, PAPI-4	SAME	VORTAC, PAPI-2	SAME	PAPI-2	SAME
APPROACH SURFACE	20:1	SAME	20:1	SAME	34:1	SAME	50:1	SAME	34:1	SAME	20:1	SAME
APPROACH VISIBILITY MINIMUMS	VISUAL	SAME	VISUAL	SAME	1 1/2 MILE	SAME	1/2 MILE	SAME	1 MILE	SAME	VISUAL	SAME
DECLARED DISTANCES	Not Applicable	SAME	Not Applicable	SAME	Not Applicable	SAME	Not Applicable	SAME	Not Applicable	SAME	Not Applicable	SAME
TAKE-OFF RUN AVAILABLE (TORA)	4846'	6200'	4846'	6200'	7616'	10,570'	7616'	10,570'	4408'	SAME	4408'	SAME
TAKE-OFF DISTANCE AVAILABLE (TODA)	4846'	6200'	4846'	6200'	7616'	10,570'	7616'	10,570'	4408'	SAME	4408'	SAME
ACCELERATED STOP DISTANCE AVAILABLE (ASDA)	4846'	6200'	4846'	6200'	7616'	10,570'	7616'	10,570'	4258'	4408'	4408'	SAME
LANDING DISTANCE AVAILABLE (LDA)	4035'	5389'	4846'	6200'	6828'	9782'	7616'	9782'	4258'	4408'	4408'	SAME
HIGHEST POINT ON RUNWAY CENTERLINE (MSL)	4974.9'	SAME	4974.9'	4974.9'	5033.7'	5028.0'	5033.7'	5028.0'	5044.9'	5047.6'	5044.9'	5047.6'
LOWEST POINT ON RUNWAY CENTERLINE (MSL)	4937.6'	4912.8'	4937.6'	4912.8'	4960.1'	4926.7'	4960.1'	4926.7'	5017.1'	5016.0'	5017.1'	5016.0'
RUNWAY TOUCHDOWN ZONE ELEVATION (MSL)	4969.8'	SAME	4963.7'	4912.8'	5021.9'	5028.0'	4979.4'	4926.7'	5023.9'	5016.0'	5044.9'	5047.6'
RUNWAY END ELEVATION (MSL)	4974.9'	4974.9	4937.6'	4912.8'	5033.7'	5028.0'	4960.1'	4926.7'	5017.1'	5016.0'	5044.9'	5047.6'
RUNWAY END COORDINATES (NAD 83)												
LATITUDE	34-39-23.37	34-39-23.37	34-39-59.38	34-40-09.46	34-38-44.23	34-38-47.31	34-39-40.83	34-40-05.88	34-39-09.86	34-39-08.81	34-38-38.22	34-38-37.16
LONGITUDE	112-25-13.61	112-25-13.61	112-24-35.34	112-24-24.62	112-25-44.04	112-25-40.77	112-24-43.92	112-24-17.29	112-25-40.88	112-25-39.44	112-25-04.39	112-25-03.14
RUNWAY SAFETY AREA (RSA)												
LENGTH BEYOND RUNWAY END	240'	300'	240'	300'	1000'	1000'	1000"	1000'	300'	300'	300'	300'
WIDTH	120'	150'	120'	150'	500'	500'	500'	500'	150'	150'	150'	150'
RUNWAY OBJECT FREE AREA (ROFA)												SAME
LENGTH BEYOND RUNWAY END	240'	300'	240'	300'	800'	SAME	800'	SAME	300'	SAME	300'	SAME
WIDTH	400'	500'	400'	500'	1000'	SAME	1000'	SAME	500'	SAME	500'	SAME
OBSTACLE FREE ZONE (OFZ)												
LENGTH BEYOND RUNWAY END	200'	SAME	200'	SAME	200'	SAME	200'	SAME	200'	SAME	200'	SAME
WIDTH	250'	SAME	250'	SAME	400'	SAME	400'	SAME	250'	SAME	250'	SAME
APPROACH RUNWAY PROTECTION ZONE (RPZ)												
DISTANCE BEYOND THRESHOLD	200'	200'	200'	200'	200'	SAME	200'	SAME	200'	SAME	200'	SAME
LENGTH	1,000'	1,000'	1,000'	1,000'	1,700'	SAME	2,500'	SAME	1,000'	SAME	1,000'	SAME
INNER/OUTER WIDTH	250'/450'	500'/700'	250'/450'	500'/700'	500'/1010'	SAME	1000'/1750'	SAME	500'/700'	SAME	250'/450'	SAME
DEPARTURE RUNWAY PROTECTION ZONE (RPZ)												
DISTANCE BEYOND TORA	200'	SAME	Not Applicable	SAME	200'	SAME	Not Applicable	Not Applicable	200'	Not Applicable	Not Applicable	SAME
LENGTH	1,000'	SAME			1,700'				1,000'			
INNER/OUTER WIDTH	250'/450'	SAME			500'/1010'				250'/450'			

Pavement strengths are expressed in Single (S), Dual (D), and/or Dual Tandem (DT) wheel loading capacities.

PRESCOTT MUNICIPAL AIRPORT

CITY OF PRESCOTT ARIZONA
Everybody's Hometown

ERNEST A. LOVE FIELD (PRC)
Prescott, Arizona

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PRESCOTT, AZ 86301
Phone 928-777-1114

Manager: BENJAMIN D VARDIMAN
6546 CRYSTAL LANE
PRESCOTT, AZ 86301
Phone 928-777-1114

Magnetic Declination: 11°36' E (June 2008)
Annual Variation: 0°1' W
(Source: National Geophysical Data Center)

TRUE NORTH
MAGNETIC NORTH

Graphical scale in feet

0 250 500 1000

DRAFT

AIRPORT LAYOUT PLAN

Funding Acknowledgement
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No.	Revision	Date

Designed by: NS
Drawn by: NS
Checked by: MC
August 2009
Sheet 3 of 8

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