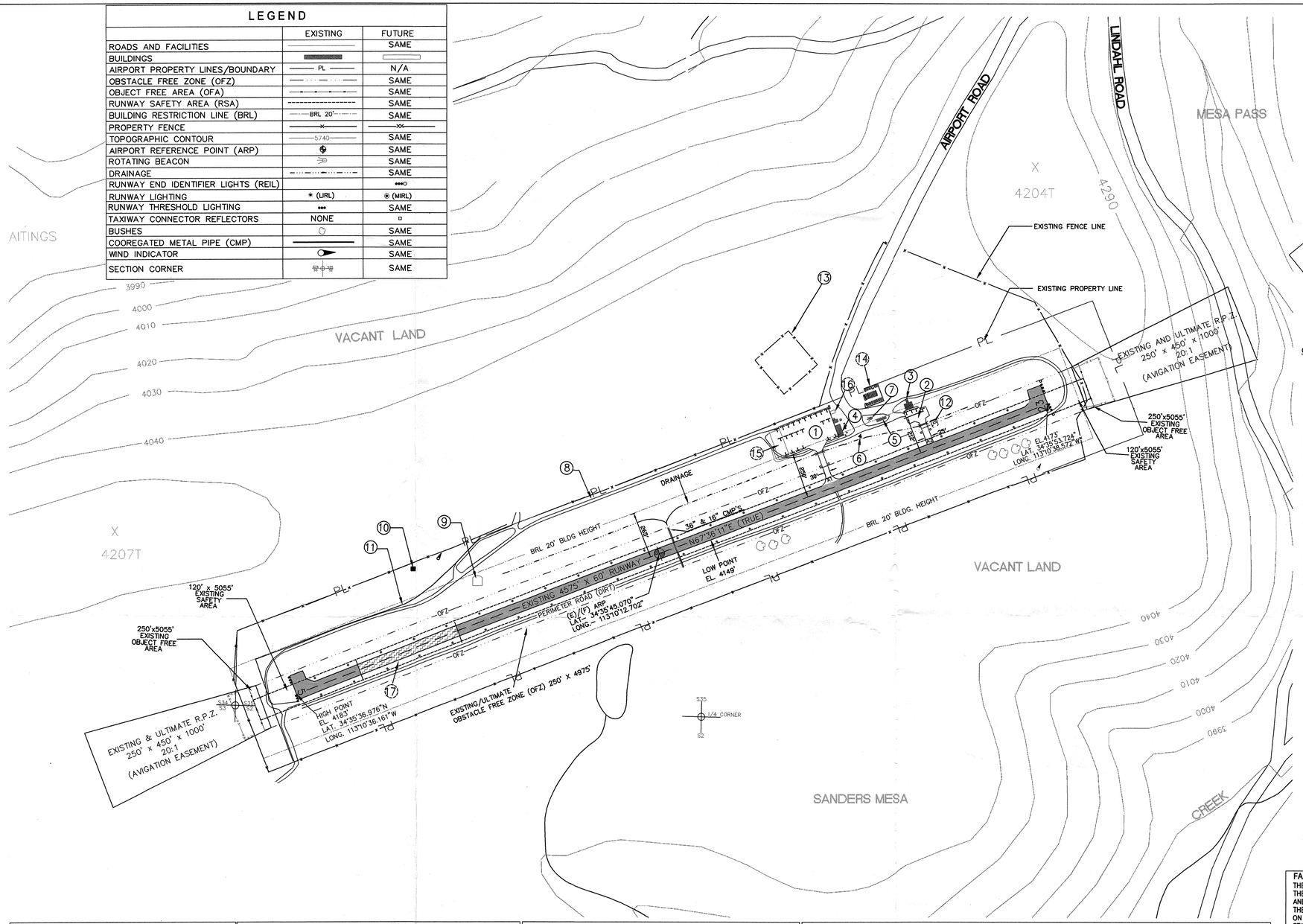
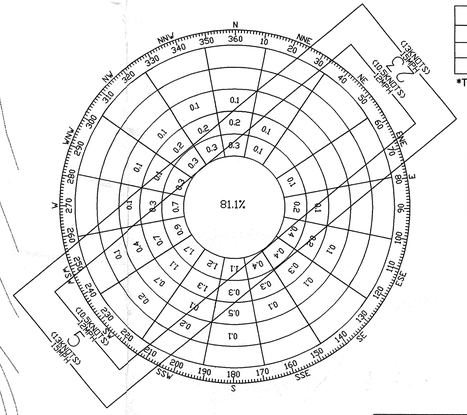
LEGEND

	EXISTING	FUTURE
ROADS AND FACILITIES		SAME
BUILDINGS		
AIRPORT PROPERTY LINES/BOUNDARY	PL	N/A
OBSTACLE FREE ZONE (OFZ)		SAME
OBJECT FREE AREA (OFA)		SAME
RUNWAY SAFETY AREA (RSA)		SAME
BUILDING RESTRICTION LINE (BRL)	BRL 20'	SAME
PROPERTY FENCE		
TOPOGRAPHIC CONTOUR	5740	SAME
AIRPORT REFERENCE POINT (ARP)		SAME
ROTATING BEACON		SAME
DRAINAGE		SAME
RUNWAY END IDENTIFIER LIGHTS (REIL)		
RUNWAY LIGHTING	(URL)	(MIRL)
RUNWAY THRESHOLD LIGHTING		SAME
TAXIWAY CONNECTOR REFLECTORS	NONE	
BUSHES		SAME
COOREGATED METAL PIPE (CMP)		SAME
WIND INDICATOR		SAME
SECTION CORNER		SAME





MODIFICATION TO STANDARDS*		
ITEM	STANDARD	COMMENTS

*TABLE ADDED PER FAA REQUEST

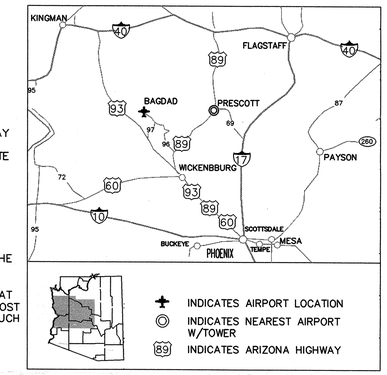
ALL WEATHER WIND COVERAGE		
RUNWAY NUMBER	12 M.P.H. (10.5 KNOTS)	15 M.P.H. (13 KNOTS)
RUNWAY 05–23	82.68%	85.82%

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

Note: Prescott Airport wind data from 1978–1998 used for Bagdad Airport's windrose. ADOT Aeronautics has scheduled placement of wind data recorder at Bagdad in 2000.

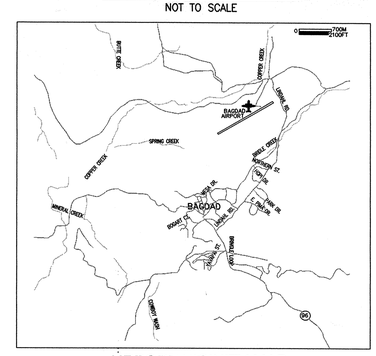
GENERAL NOTES:

1. LAT/LONG BASED ON NORTH AMERICAN DATUM 1983. (NAD 83)
2. AIRPORT DATA (Including Spot Elevations) BASED ON YAVAPAI COUNTY SURVEY, NOVEMBER 1998.
3. TOPOGRAPHICAL CONTOURS FROM QUADMAPS USA (Copyright 1995–1998).
4. THERE ARE TWO (2) TANKS PENETRATING PART 77 PRIMARY SURFACE, TRANSITIONAL SURFACE, AND RUNWAY OBJECT FREE AREA. IT IS RECOMMENDED THAT YAVAPAI COUNTY SURVEY HEIGHT OF THESE TANKS AND RELOCATE THEM.
5. YAVAPAI COUNTY OWNS AIRPORT PROPERTY PER QUIT CLAIM DEED, MARCH 20, 2000.
6. FUTURE GPS APPROACH PROPOSED IS SUBJECT TO FURTHER EVALUATION. THE AZ NAVIGATIONAL AIDS AND AVIATION SERVICES SPECIAL STUDY (NOV 1998) STATES THAT A POTENTIAL IAP FOR BAGDAD DOES NOT MEET THE 1–MILE TARGET VISIBILITY, BUT THAT FACILITY DESIGN STANDARDS ARE MET. HOWEVER, THE BAGDAD AIRPORT MASTER PLAN 2000 NOTES THAT ANNUAL OPERATIONS AT BAGDAD ARE MINIMAL AND SUGGEST THAT A BENEFIT/COST ASSESSMENT BE CONDUCTED TO DETERMINE WHETHER SUCH AN INVESTMENT IS JUSTIFIED.



AIRPORT LOCATION MAP
NOT TO SCALE

Magnetic Declination=12°38.7'E
2000 Annual Average Rate of Change=0.8'W
(NOAA, May 2000)



AIRPORT VICINITY MAP

0 300 600 900
SCALE 1"=300'

FAA STATEMENT
THE CONTENTS OF THIS PLAN DO NOT NECESSARILY REFLECT THE OFFICIAL VIEWS OR POLICY OF ADOT AERONAUTICS DIVISION AND THE FAA. ACCEPTANCE OF THIS DOCUMENT BY ADOT AND THE FAA DOES NOT IN ANY WAY CONSTITUTE A COMMITMENT ON THE PART OF THE STATE OF ARIZONA AND 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.

Approved conditionally October 17, 2005
Subject to comments contained in our letter dated 10-17-05
FEDERAL AVIATION ADMINISTRATION
Western-Pacific Region
By _____
Supervisor, Standards Section

FOR APPROVAL BY YAVAPAI COUNTY

AIRPORT BUILDINGS/FACILITIES

EXISTING	FUTURE	DESCRIPTION
1		MAIN TIEDOWN APRON(WEST)
2		SECONDARY TIEDOWN APRON(EAST)
3		EAST PRIVATE HANGAR
4		WEST PRIVATE HANGAR
5		TRAILER (Abandoned/To be Removed)
6		LIGHTED WINDTEE
7		BEACON
8		PERIMETER/SERVICE ROAD
9		WATER TANK
10		FENCED IN SEISMIC RECORDER
11		EXPOSED 8" WATERLINE
12		TANK AREA (SEE NOTE 4)
13		LIVESTOCK FENCE
	14	FUTURE AUTO PARKING
	15	FUTURE AIRCRAFT PARKING
	16	FUTURE TERMINAL BUILDING
	17	FUTURE RUNWAY RECONSTRUCTION TO FAA STANDARDS (APPR. 1200 SQ. YDS.)

RUNWAY DATA TABLE

		RWY 05–23	
DATA ELEMENTS		EXISTING	FUTURE
AIRPLANE DESIGN GROUP		GROUP I *	SAME
AIRCRAFT APPROACH CATEGORY		B	SAME
RUNWAY AZIMUTH	RWY 05	292°23'04"	SAME
	RWY 23	67°36'11"	SAME
RUNWAY BEARING (TRUE)		N67°36'11"E	SAME
MAXIMUM ELEVATION ABOVE MSL		4,183'	SAME
INSTRUMENT RUNWAY (TYPE)		NONE	GPS(SEE NOTE 6)
APPROACH SLOPE (BOTH ENDS)		20:1	SAME
APPROACH VISIBILITY MINIMUMS (BOTH ENDS)		+3 MILE	SAME
THRESHOLD DISPLACEMENT		NONE	SAME
RUNWAY (WIDTH)		60'	SAME
RUNWAY (LENGTH)		4,575'	SAME
RUNWAY SAFETY AREA	RWY 05–240' / RWY 23–240'	120' x 5,055'	SAME
OBJECT FREE AREA		250' x 5,055'	SAME
OBSTACLE FREE ZONE		250' x 4,975'	SAME
TAKEOFF RUN AVAILABLE(TORA)		4,575'	SAME
ACCELERATE–STOP DISTANCE AVAILABLE		4,575'	SAME
LANDING DISTANCE AVAILABLE(LDA)		4,575'	SAME
PAVEMENT STRENGTH (IN POUNDS)		4,000 SWL	12,500 SWL
MAXIMUM ELEVATION		4183'	SAME

*GROUP I SMALL AIRCRAFT EXCLUSIVELY

RUNWAY DATA TABLE

			RWY 05–23	
DATA ELEMENTS			EXISTING	FUTURE
RUNWAY INSTRUMENTATION(BOTH ENDS) (PER ADOT 1999 CHECKLIST)			VISUAL/VISUAL	NONPRECISION/VISUAL (SEE NOTE 6)
RUNWAY LIGHTING (LIRL, MIRL, HIRL)			LIRL	MIRL
RUNWAY APPROACH LIGHTING			NONE	SAME
RUNWAY MARKING			BASIC/BASIC	SAME
RUNWAY SURFACE TYPE			ASPHALT	SAME
TAXIWAY LIGHTING (REFLECTORS, MITL)			NONE	REFLECTORS
TAXIWAY MARKING			NONE	EDGE/CENTERLINE
TAXIWAY SURFACE TYPE			ASPHALT	SAME
NAVIGATIONAL AIDS			NONE	GPS(SEE NOTE 6)
VISUAL AIDS (GVGI, REIL, ETC.)			ROTATING BEACON/WINDTEE THRESHOLD LIGHTS	SAME PLUS REILS 23 END
RUNWAY EFFECTIVE GRADIENT (%)			0.2%	SAME
PAVEMENT SURFACE TREATMENT			ASPHALT OVERLAY	SAME
RUNWAY APPROACH LIGHTING (ODALS, MALSAR, ETC.)			NONE	SAME
FAR PART 77 CATEGORY (BOTH ENDS)			VISUAL/VISUAL	SAME
WIND COVERAGE %	12 M.P.H.		82.68%	SAME
	15 M.P.H.		85.82%	SAME
RUNWAY END COORDINATES	RUNWAY 5	LATITUDE	34°35'36.976"N	SAME
		LONGITUDE	113°10'36.161"W	SAME
	RUNWAY 23	LATITUDE	34°35'53.724"N	SAME
		LONGITUDE	113°10'38.572"W	SAME

AIRPORT DATA

NAME OF AIRPORT & 3 CHARACTER IDENTIFIER		BAGDAD AIRPORT E–51	
OWNER		YAVAPAI COUNTY	
		EXISTING	FUTURE
AIRPORT NPIAS CATEGORY (NATIONAL PLAN OF INTEGRATED AIRPORT SYSTEMS) OR "GENERAL AVIATION"		GA	GA
AIRPORT ELEVATION (MSL)		4,183'	SAME
AIRPORT REFERENCE POINT COORDINATES	LAT	34°35'45.070"N	SAME
	LONG	113°10'12.702"W	SAME
AIRPORT & TERMINAL NAVIGATION AIDS	ON AIRPORT	ROTATING BEACON/WIND TEE	SAME
	OFF AIRPORT	DRAKE VORTAC, CTAF	SAME
MEAN MAX. DAILY TEMP. (HOTTEST MONTH)		96°F/JULY	SAME
DESIGN AIRCRAFT		CESSNA 172	SAME
GPS AT AIRPORT		NONE	NONE
INSTM'T APPROACH TYPES		NONE	GPS
AIRPORT REFERENCE CODE		B–I*	SAME

TOWNSHIP: SECTIONS 2 & 3, T–14–N, R–9–W & SECTIONS 34 & 35, T–15–N, R–9–W
GILA AND SALT RIVER BASE & MERIDIAN
YAVAPAI COUNTY, ARIZONA

*GROUP I SMALL AIRCRAFT EXCLUSIVELY

NO.	DESCRIPTION OF WORK	DATE	BY	APPROVED
2	ALP UPDATE	8/00	RC	
1	PREVIOUS APPROVED ALP	12/82		FAA

BAGDAD AIRPORT

AIRPORT LAYOUT PLAN

SCALE	JOB NO.	DATE	SHEET
1"=300'	81442801	8/00	2 OF 8

Stantec Consulting Inc.
7778 Pointe Parkway W, Suite 290
Phoenix, Arizona 85044 USA
Phone: (602) 438-2200 Fax: (602) 431-9562

T:\81442801_Bagdad\Drawings\Bag-ALP.dwg