AIRPORT DATA

ROLLE FEILD (44A)

TOWN: SOMERTON, ARIZONA		COUNTY: YUMA, ARIZONA	
RANGE: R24 WEST	TOWNSHIP: T10 SOUTH	CIVIL TOWNSHIP: N/A	
		EXISTING	ULTIMATE
NATIONAL PLAN of INTEGRATED AIRPORT SYSTEMS (NPIAS) SERVICE LEVEL		N/A	G.A.
DESIGN AIRCRAFT		CESSNA 421	BEECHCRAFT SUPER KING AIR
AIRPORT REFERENCE CODE (ARC): RUNWAY CATEGORY/DESIGN GROUP		B-I	B-II
AIRPORT ELEVATION (ABOVE MEAN SEA LEVEL)		164' MSL	SAME
MEAN MAXIMUM TEMPERATURE OF HOTTEST MONTH		106.8°F (July)	SAME
AIRPORT REFERENCE POINT (ARP) COORDINATES (NAD 83)	Latitude	32°30'59.576"N	SAME
	Longitude	114°41'52.101"W	SAME
AIRPORT and TERMINAL NAVIGATIONAL AIDS		NONE --	ROTATING BEACON --
GPS APPROACH		NO	SAME

RUNWAY DATA

	RUNWAY 17-35	
	EXISTING	ULTIMATE
RUNWAY CATEGORY/AIRCRAFT DESIGN GROUP	B-I	B-II
RUNWAY AZIMUTH	00.0000°	SAME
RUNWAY BEARING	N00°00'00"W	SAME
RUNWAY DIMENSIONS	2800' X 60'	5,000' X 75'
RUNWAY INSTRUMENTATION	VISUAL/VISUAL	SAME
RUNWAY APPROACH SURFACES	20:1/20:1	SAME
RUNWAY THRESHOLD DISPLACEMENT	NONE/NONE	SAME
RUNWAY STOPWAY	NONE	SAME
RUNWAY SAFETY AREA	3280' X 120'	5,600' X 150'
RUNWAY OBSTACLE FREE ZONE	3200' X 250'	5,600' X 500'
RUNWAY OBJECT FREE AREA	3400' X 240'	SAME
TAKEOFF RUN AVAILABLE (TORA)	2800'	5000'
TAKEOFF DISTANCE AVAILABLE (TODA)	2800'	5000'
ACCELERATE-STOP DISTANCE AVAILABLE (ASDA)	2800'	5000'
LANDING DISTANCE AVAILABLE (LDA)	2800'	5000'
PAVEMENT MATERIAL	ASPHALT	SAME
PAVEMENT SURFACE TREATMENT	--	--
PAVEMENT STRENGTH (in thousand lbs.)	8.0(S)	SAME
RUNWAY EFFECTIVE GRADIENT (in %) [1]	.01	SAME
RUNWAY MARKING	BASIC	SAME
RUNWAY LIGHTING	NONE	LIRL
RUNWAY APPROACH LIGHTING	NONE	REIL
TAXIWAY LIGHTING	NONE	SAME
TAXIWAY MARKING	NONE	SAME
NAVIGATIONAL AIDS	NONE -- --	SAME -- --

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

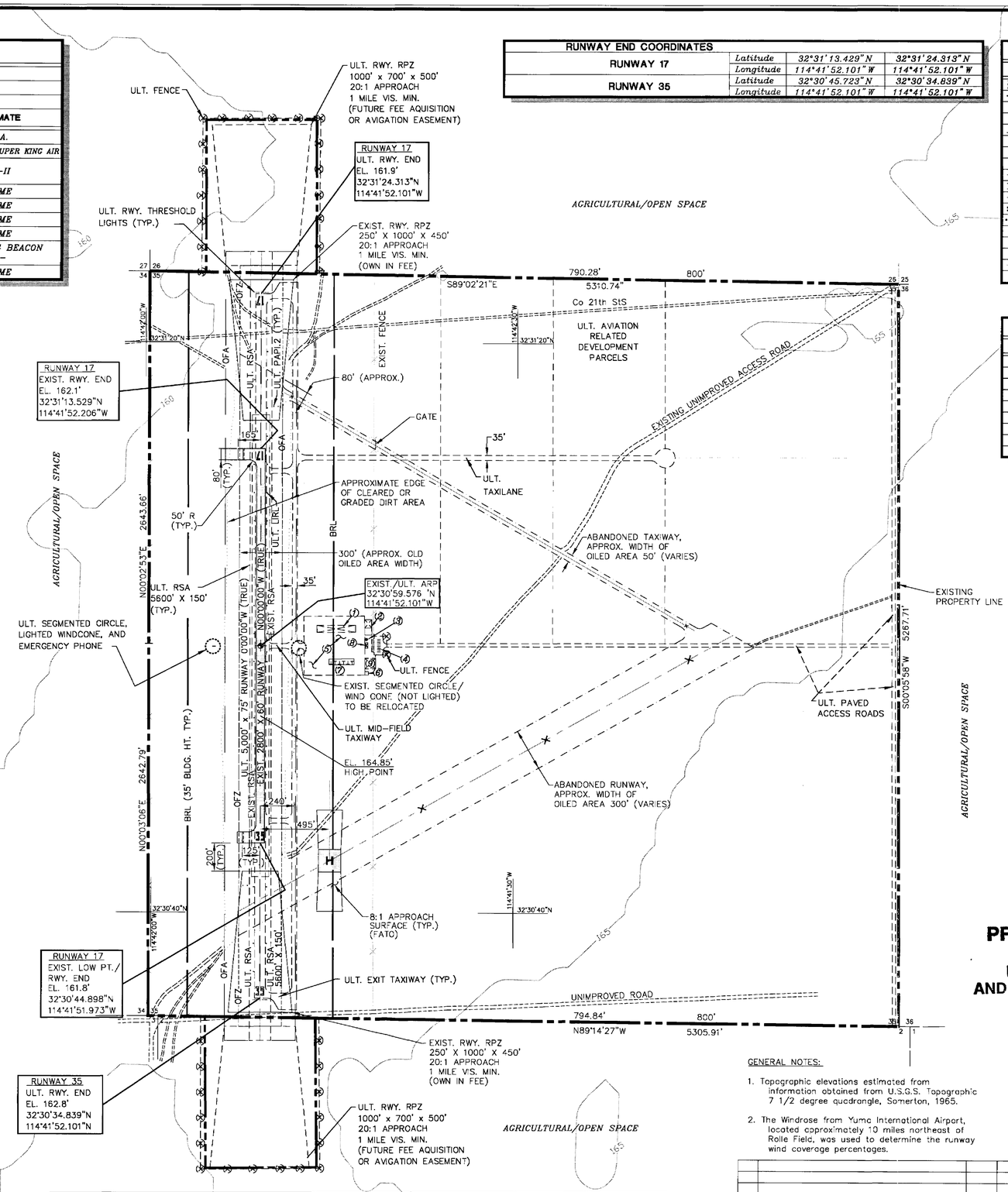
RUNWAY END COORDINATES			
RUNWAY 17	Latitude	32°31'13.429"N	32°31'24.313"N
	Longitude	114°41'52.101"W	114°41'52.101"W
RUNWAY 35	Latitude	32°30'45.723"N	32°30'34.839"N
	Longitude	114°41'52.101"W	114°41'52.101"W

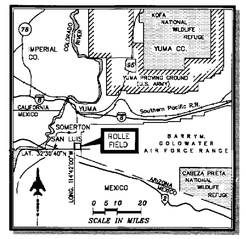
LEGEND

EXISTING	ULTIMATE	DESCRIPTION
		ABANDONED PAVEMENT
		AIRPORT PROPERTY LINE
		AIRPORT REFERENCE POINT (ARP)
		AIRPORT ROTATING BEACON
		AVIGATION EASEMENT (if applicable)
		BUILDING ABANDONMENT
		BUILDING CONSTRUCTION
	BRL	BUILDING RESTRICTION LINE (BRL)
		DRAINAGE
		FACILITY CONSTRUCTION
		FENCING
VASI-4	PAPI-4	NAVIGATIONAL AID INSTALLATION
		RUNWAY END IDENTIFICATION LIGHTS (REIL)
		RUNWAY THRESHOLD LIGHTS
		SEGMENTED CIRCLE/WIND INDICATOR
34 35 3 2		SECTION CORNER
1040		TOPOGRAPHIC CONTOURS (source)
		WIND INDICATOR (Lighted)

BUILDINGS/FACILITIES

EXISTING	ULTIMATE	DESCRIPTION
--	1	ULTIMATE T-HANGERS
--	2	ULT. AIRCRAFT WASHRACK & MAINT. FACILITY
--	3	ULTIMATE ROTATING BEACON
--	4	AUTOMOBILE PARKING
--	5	ULTIMATE APRON
--	6	ULTIMATE FUEL FACILITY
--	7	ULTIMATE TIE DOWNS
--	8	FUTURE TERMINAL BUILDING SITE
--	9	FUTURE FBO/CONVENTIONAL HANGAR SITE





VICINITY MAP

SUBMITTED BY: ON THE DATE OF:
Coffman Associates
FOR APPROVAL BY THE
YUMA COUNTY AIRPORT AUTHORITY
APPROVED BY: ON THE DATE OF:
David C. Gaines, CAE
Airport Director

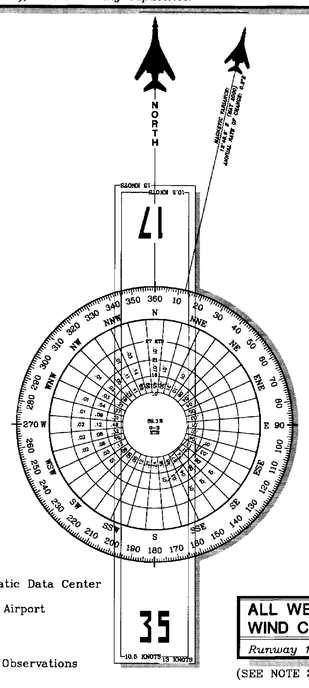
PRELIMINARY

FOR REVIEW AND COMMENT ONLY

NORTH
MAG

MAGNETIC VARIANCE 12°48'52.2"E (AUGUST 2000)
RATE OF CHANGE -0.21' W

0 400 800 1200
SCALE IN FEET



SOURCE:
NOAA National Climatic Data Center
Ashville, N.C.
Yuma International Airport
Yuma, Arizona

OBSERVATIONS:
87,467 All Weather Observations
1987 to 1996

ALL WEATHER WIND COVERAGE	10.5 Knots (12 MPH)	13 Knots (15 MPH)
Runway 17-35	96.97%	98.27%

(SEE NOTE 2)

ALL WEATHER WIND ROSE

GENERAL NOTES:

1. Topographic elevations estimated from information obtained from U.S.G.S. Topographic 7 1/2 degree quadrangle, Somerton, 1965.
2. The Windrose from Yuma International Airport, located approximately 10 miles northeast of Rolle Field, was used to determine the runway wind coverage percentages.

DEVIATIONS FROM FAA AIRPORT DESIGN STANDARDS

DEVIATION DESCRIPTION	EFFECTED DESIGN STANDARD	STANDARD	EXISTING	PROPOSED DISPOSITION
NONE	-	-	-	-

No.	REVISIONS	DATE	BY	APP'D.
	-	-	-	-

"THE PREPARATION OF THESE DOCUMENTS WAS FINANCED IN PART THROUGH A PLANNING GRANT FROM THE FEDERAL AVIATION ADMINISTRATION AS PROVIDED 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 THESE DOCUMENTS 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."

ROLLE AIRFIELD
YUMA COUNTY AIRPORT AUTHORITY

AIRPORT LAYOUT PLAN

SAN LUIS, ARIZONA

PLANNED BY: W.S. Holland
DETAILED BY: Maggie Rogers
APPROVED BY: James M. Harris, P.E.
October 25, 2000 SHEET 1 OF 7

Coffman Associates
Airport Consultants

Coffman Associates Hdrgs.DWG 10-25-2000 09:43