

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> EL PASO INTL	<u>AIRPORT ID</u> KELP	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 26L	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> EL PASO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 3962	<u>TDZE</u> 3962	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 26L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 10/16/2014	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FABAN	IAF	BUSEY		TF	FB	1.00	284.91	11.64	6900
PIERS	IAF	BUSEY		TF	FB	1.00	192.10	10.12	6900
BUSEY	IF	HOWRD		TF	FB	1.00	265.43	7.10	5200
HOWRD	FAF	GUVNE/1.00 NM TO WANUN		TF	FB	0.30	265.36	2.02	
GUVNE/1.00 NM TO WANUN		WANUN	MAP	TF	FO	0.30	265.36	1.00	
WANUN	MAP	4380 MSL		CA			265.36		4380
4380 MSL		FABAN		DF	FO	1.00			7500

MISSED APPROACH

MAP:

LP: WANUN
LNAV: WANUN

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4380 THEN CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. PROFILE STARTS AT BUSEY

3. FAC: 265.36 FAF: HOWRD DIST FAF TO MAP: 3.02 DIST FAF TO THLD: 3.72

4. MIN ALT: BUSEY 6900, HOWRD 5200, GUVNE/1.00 NM TO WANUN 4540

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:

6. MIN GP INCPT: GP ALT AT FAF :

7. GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:

8. MSA FROM: WANUN 8500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIERS ON V560 EASTBOUND AND FOR ARRIVALS AT FABAN ON V66-198 EASTBOUND.
CHART NOTE: CIRCLING NA FOR CAT D W OF RWY 4-22
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LP AND LNAV CAT A/B VISIBILITY TO 1 SM, AND CAT C/D TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART: ASR.
CHART CIRCLING ICON.
HOWRD TO RW26L: 3.00/55.
CHART BIGGS AAF
WAAS CHANNEL #40223
REFERENCE PATH ID: W26A
CHART FAS OBST: 4071 TRANSMISSION_LINE 314750N/1062009W.
HOLD E, LT, 284.91 INBOUND
LTP HAE: 1183.3 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD- CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LP MDA	4380	3/4	418	4380	3/4	418	4380	3/4	418	4380	3/4	418			
LNAV MDA	4380	3/4	418	4380	3/4	418	4380	3/4	418	4380	3/4	418			
CIRCLING	4420	1	458	4440	1	478	4460	1 1/2	498	4680	2 1/4	718			



CHANGES - REASONS

1. DELETED CHART NOTE: DME/DME RNP-0.3 NA. - ADDED EQUIPMENT REQUIREMENTS NOTE: RNP APCH, 8260.58A TABLE 1-2-1.
2. ADDED 20:1 IS CLEAR IN PROFILE SECTION. - 8260.19H 8-6-7 G3.
3. UPDATED CIRCLING RADII TO CURRENT STANDARDS, CHANGED CAT B CMDA/HAA FROM 4420/458 TO 4440/478, CAT C CMDA/HAA FROM 4420/458 TO 4460/498 AND CAT D CMDA/HAA FROM 4520/558 TO 4680/718 AND ADDED CAT D RESTRICTION CIRCLING NA FOR CAT D W OF RWY 4-22. - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED AND INCORPORATE NOTAM FDC 9/4091.
4. CHANGED LP MINIMUMS FROM MDA 4280/HAT 318 TO MDA 4380/HAT 418. - NEW OBSTACLE EVALUATION.
5. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LP AND LNAV CAT A/B VISIBILITY TO 1 SM, AND CAT C/D TO 1 1/8 SM. - VISIBILITY TABLES.
6. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART CIRCLING ICON. - CIRCLING RADII UPDATED TO CURRENT CRITERIA.
7. CHANGED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIERS ON V560 EASTBOUND TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIERS ON V560 EASTBOUND AND OR ARRIVALS AT FABAN ON V66-198 EASTBOUND. - TURNS EXCEED 120 DEGREES.
8. CHANGED CHART FAS OBST: 4084 TREE 314743N/1062136W TO 4071 TRANSMISSION TWR 314750N/1062009W. - NEW OBSTACLE EVALUATION.
9. CHANGED ALTERNATE MINIMUMS FROM STANDARD TO STANDARD CAT D 800-2 1/4. - VISIBILITY TABLES.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** AMGR, ELP APP CON

FLIGHT CHECKED BY

JAMES HAWLEY

Digitally signed by **OFFICE****WARDELL HENNING** FICO

Jan 13, 2020

DATE

1/8/20

DEVELOPED BY

WARDELL HENNING (THOR CORNELL)

*Digitally signed by***WARDELL HENNING**

Jan 13, 2020

OFFICE

AJV-A432

DATE

10/31/2019

APPROVED BY

LONNIE EVERHART

*Digitally signed by***WARDELL HENNING**

Jan 13, 2020

OFFICE

AJV-A430

DATE**TITLE**
MANAGERQUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELP
RUNWAY	RW26L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	314802.1950N
LTP/FTP LONGITUDE	1062134.7505W
LTP/FTP ELLIPSOIDAL HEIGHT	+11833
FPAP LATITUDE	314807.3500N
FPAP LONGITUDE	1062319.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 CRC REMAINDER	 82F8692B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+12075
FPAP ORTHOMETRIC HEIGHT	+12075

QUALITY
16
CHECKED