

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 32D	<u>CITY</u> EL PASO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 3962	<u>TDZE</u> 3950	<u>SUPERSEDED</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 32C	<u>DATED</u> 04/03/2014	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-ELP	<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>
ELP VORTAC		VALTR LOM/I-ELP 5.61 DME					313.33	3.23	7300
EWM VORTAC		VALTR LOM/I-ELP 5.61 DME					190.98	5.95	7300
WHOLE INT/ELP 22.72 DME	IAF	PIERS INT	NOPT				259.00	11.07 (EWM R-079)	8800
PIERS INT		PRISO INT					259.00	5.67 (EWM R-079)	6600
PRISO INT	IF	AGUAS/I-ELP 9.04 DME	NOPT				222.00	5.07 (I-ELP)	5900
AGUAS/I-ELP 9.04 DME		VALTR LOM/I-ELP 5.61 DME					222.00	3.43 (I-ELP)	5100

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 3.41 NM AFTER VALTR LOM/I-ELP 5.61 DME OR AT I-ELP 2.20 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 7300 DIRECT ELP VORTAC AND HOLD.  
(TACAN EQUIPPED AIRCRAFT CONTINUE CLIMBING TO 9000 ON ELP R-058 TO WHOLE INT/ELP 22.7 DME)

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
16  
CHECKED

PROFILE:

1. PT L    SIDE OF COURSE   042.00            OUTBOUND 7100            FT WITHIN 10            MILES OF VALTR LOM\* (IAF)

2.

3. FAC:   222.00            FAF: VALTR LOM/I-ELP 5.61 DME            DIST FAF TO MAP: 3.41            DIST FAF TO THLD: 3.41

4. MIN ALT:    AGUAS/I-ELP 9.04 DME 5900, VALTR LOM/I-ELP 5.61 DME 5100

5. DIST TO THLD FROM OM: 3.41            MM:            IM:            150 HAT:            GS ANT: 1220

6. MIN GS INCPT: 5100            GS ALT AT FAF :            OM: 5100            MM:            IM:

7. GP ANGLE:   3.00            34:1:            20:1:            TCH: 54.5

8. MSA FROM:   ELP VORTAC 090-230 7200, 230-340 8400, 340-090 8000

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PROFILE NOTE: USE I-ELP DME WHEN ON THE LOCALIZER COURSE.

CHART PLANVIEW NOTE: RADAR REQUIRED WHEN R-5103 IN USE.

CHART NOTE: CIRCLING NA FOR CAT D AND E W OF RWY 4-22.

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 22 CAT E VISIBILITY TO RVR 4000 AND S-LOC 22 CAT C/D/E VISIBILITY TO RVR 5500.

CHART NOTE: PROCEDURE TURN NOT AUTHORIZED FOR CAT E AIRCRAFT.

\* MAINTAIN 7300 OR ABOVE UNTIL ESTABLISHED OUTPOUND FOR PT.

ADDITIONAL FLIGHT DATA:

CHART: BIGGS AAF

CHART: ASR

CHART CIRCLING ICON.

CHART R5107A, R-5103A

CHART FAS OBST: 4023 POLE 315027N/1062029W.

CHART: 4077 TOWER 315150N/1061849W.

HOLD E, LT, 261.48 INBOUND

MINIMUMS:

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

ALTERNATE: NA    ☐    ILS: STANDARD; CAT D 800-2 1/4, CAT E 800-2 1/2; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2

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
S-ILS 22	4150	2400	200	4150	2400	200	4150	2400	200	4150	2400	200	4150	2400	200
S-LOC 22	4300	2400	350	4300	2400	350	4300	3000	350	4300	4000	350	4300	4000	350
CIRCLING	4420	1	458	4440	1	478	4460	1 1/2	498	4680	2 1/4	718	4700	2 1/2	738



**CHANGES - REASONS**

1. 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, CAT D CMDA/HAA FROM 4520/558 VISIBILITY 2 SM TO 4680/718 VISIBILITY 2 1/4 SM AND CAT E CMDA/HAA FROM 4660/698 TO 4700/738. - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED AND TO INCORPORATE NOTAM FDC7/6090.
2. CHANGED CHART NOTE CAT E CIRCLING NOT AUTHORIZED WEST OF AIRPORT TO CIRCLING NA FOR CAT D AND E NW OF RWY 4-22. - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 7300 DIRECT ELP VORTAC AND HOLD. (TACAN EQUIPPED AIRCRAFT CONTINUE CLIMBING TO 9000 VIA ELP R-058 TO WHOLE INT/ELP 22.7 DME)" TO "CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 7300 DIRECT ELP VORTAC AND HOLD. (TACAN EQUIPPED AIRCRAFT CONTINUE CLIMBING TO 9000 ON ELP R-058 TO WHOLE INT/ELP 22.7 DME)". - 8260.19H, 8-6-6D.
4. CHANGED NOTE: "\*\*\*VIS CAT A/B/C/D RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" TO \*\*CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. - 8260.19H, 8-6-11, K1.
5. CHANGED S-LOC 22 CAT C VISIBILITY FROM RVR 2400 TO RVR 3000. - NEW VISIBILITY TABLES.
6. ADDED NOTE: CHART CIRCLING ICON. - NEW CIRCLING RADII APPLIED.
7. CHANGED ALTERNATE MINIMUMS FROM "ILS STANDARD #CAT E 700 ·2 1/2 AND LOC STANDARD @CAT E 800-2 1/2" TO "ILS: STANDARD - CAT D 800-2, CAT E 800-2 1/2; LOC: STANDARD - CAT E 800-2 1/2. - NEW VISIBILITY TABLES.
8. CHANGED "CHART NOTE: FOR INOPERATIVE MALSR INCREASE S-ILS 22 CAT E VISIBILITY TO RVR 4000 AND S-LOC 22 CAT E VISIBILITY TO RVR 6000" TO "CHART NOTE: FOR INOPERATIVE ALS INCREASE S-ILS 22 CAT E VISIBILITY TO RVR 4000 AND S-LOC 22 CAT C/D/E VISIBILITY TO RVR 5500." - NEW VISIBILITY TABLES.
9. DELETED \*\*CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. - NAVAID IS RESTRICTED 8400.13D CHAPTER 2:2.
10. ILS DA RAISED FROM 4149 TO 4150. - ROUNDED OFF TDZE.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

JAMES HAWLEY

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

1/8/20

Jan 13, 2020

**DEVELOPED BY**

WARDELL HENNING (THOR CORNELL)

Digitally signed by

**WARDELL HENNING****OFFICE**

AJV-A432

**DATE**

10/31/2019

**APPROVED BY**

LONNIE EVERHART

Digitally signed by

**WARDELL HENNING**

Jan 13, 2020

**OFFICE**

AJV-A430

**DATE****TITLE**  
MANAGER

Jan 13, 2020

QUALITY  
16  
CHECKED