

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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 (RNP) Z RWY 22	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> EL PASO	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 3962	<u>TDZE</u> 3950	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 22	<u>ORIGINAL/AMENDMENT</u> 1A	<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> 5 NOVEMBER 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>
WIKKR	IAF	VICMA		TF	FB	0.70	112.09	6.38	7000
VICMA	IF	UGAYA		TF	FB	0.70	112.07	2.99	6500
UGAYA		JOSUE		RF	FB	0.70	(2.42 NM RADIUS CW (CFBPJ))	1.53	6000
JOSUE		EMOLE		RF	FB	0.70	(2.42 NM RADIUS CW (CFBVP))	3.11	5100
TELIE	IAF	FISPI		TF	FB	1.00	222.08	5.07	5900
FISPI	IF	EMOLE		TF	FB	1.00	222.07	3.39	5100
SARRT	IAF	CABNU		TF	FB	1.00	263.72	4.11	6900
CABNU	IF	GODLE		TF	FB	1.00	263.68	4.25	5600
BEAHR	IAF	EKIDE		TF	FB	1.00	303.02	6.14	8000
EKIDE	IF	FABOR		TF	FB	1.00	303.04	5.52	6100
FABOR		GODLE		RF	FB	0.80	(2.42 NM RADIUS CCW (CFBXP))	1.66	5600
GODLE		EMOLE		RF	FB	0.80	(2.42 NM RADIUS CCW (CFBPL))	1.76	5100
EMOLE	PFAF	RW22	MAP	TF	FO	0.30	222.03	3.44	
RW22	MAP	4400 MSL		CA			222.03		4400
4400 MSL		FABAN		DF	FO	1.00			7500

MISSED APPROACH

MAP:
RNP: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 4400 THEN CLIMBING LEFT TURN TO 7500 DIRECT FABAN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT EMOLE					
3. FAC: 222.03	PFAF: EMOLE	DIST PFAF TO MAP:		DIST PFAF TO THLD:	
4. MIN ALT: EMOLE 5100					
5. DIST TO THLD FROM PFAF: 3.44	MM:	IM:	150 HAT:	250 HAT: 0.61	GS ANT:
6. MIN GP INCPT: 5100	GP ALT AT PFAF :	EMOLE 5100	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 54.5		
8. MSA FROM: RW22 9000					

PBN REQUIREMENTS NOTE:

RNP AR APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIKKR ON V94-611 AND T317 WESTBOUND.
CHART PLANVIEW NOTE ADJACENT TO WIKKR, SARRT AND BEAHR IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT WIKKR: (RNP 0.70).
CHART PLANVIEW NOTE AT SARRT AND BEAHR: (RNP 0.80).
CHART SPEED ICON IN PLANVIEW AT WIKKR, SARRT AND BEAHR: MAX 210 KIAS.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 4000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 4500.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 9000 AT WIKKR
CHART MANDATORY 8000 AT BEAHR
CHART MANDATORY 8000 AT SARRT
CHART MINIMUM 6600 AT TELIE
CHART: ASR
HOLD E, LT, 284.91 INBOUND.
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.



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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	4200	2400	250	4200	2400	250	4200	2400	250	4200	2400	250			
RNP 0.30 DA	4270	2700	320	4270	2700	320	4270	2700	320	4270	2700	320			

CHANGES - REASONS

1. UPDATED BARO-VNAV NOTE TO REMOVE FAHRENHEIT VALUES, CHANGED HIGH TEMP FROM 50C TO 54C - PER 19H/CALC.
2. UPDATED INOP NOTE TO REFERENCE ALS INSTEAD OF MALSR, AND CHANGED THE RNP 0.30 RVR FROM 5100 TO 4500 - PER 19H/CALC.
3. FIX AGUAS REPLACED BY FIX FISPI, NO CHANGES TO LOCATION/RADIAL/COURSE/BEARING - PER ATC/FPT REQUEST, FIX AGUAS USED IN MEXICO.
4. TDZE CHANGED FROM 3949 TO 3950 - PER AIRNAV.
5. RNP 0.10 DA CHANGED FROM 4199 TO 4200, RNP 0.30 DA CHANGED FROM 4269 TO 4270 - PER UPDATED TDZE.
6. ADDED PBN REQUIREMENTS NOTE RNP AR APCH, REMOVED GPS REQUIRED NOTE - PER 19H.
7. UPDATED PROCEDURE NA FOR ARRIVALS NOTE TO INCLUDE T317 - PER 19H.
8. REMOVED NOTE RADAR REQUIRED AT TELIE - PER 19H.
9. CHANGED NOTE FROM 'CHART PLANVIEW NOTE AT WIKKR, SARRT AND BEAHR: MAX 210 KIAS' TO 'CHART SPEED ICON IN PLANVIEW AT WIKKR, SARRT AND BEAHR: MAX 210 KIAS' - PER 19H.
10. CHANGED NOTE FROM 'INOPERATIVE MALSR, INCREASE RNP 0.10 VISIBILITY ALL CATS TO RVR 4000 AND RNP 0.30 VISIBILITY ALL CATS TO RVR 5100' TO 'INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 4000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 4500' - PER CALC.

8/6/20. THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/1/20.

1. 8260-3, TERMINAL ROUTES, CHANGED FAVOR TO GODLE COURSE FROM (2.42 NM RADIUS CW (CFBXP TO EMOLE)) TO (2.42 NM RADIUS CCW (CFBXP TO EMOLE)).

2. 8260-3, TERMINAL ROUTES, CHANGED GODLE TO EMOLE COURSE FROM (2.42 NM RADIUS CW (CFBPL TO EMOLE)) TO (2.42 NM RADIUS CCW (CFBPL TO EMOLE)).

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
ALLAN WILL
Sep 02, 2020

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
Aug 06, 2020

OFFICE

AJV-A423

DATE

04/01/2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
Sep 02, 2020

TITLE
MANAGER

