

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 ID</u> BPT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> BEAUMONT/PORT ARTHUR	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 15	<u>TDZE</u> 15	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 11/07/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1E
				<u>EPOCH YEAR</u> 2025
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RIJIP	IAF	AZWAR		TF	FB	1.00	074.84	8.80	2000
AZWAR	IF	OCIPi		TF	FB	1.00	164.94	6.13	1700
OCIPi	FAF	KOMDY/1.99 NM TO RW16		TF	FB	0.30	164.95	3.14	
KOMDY/1.99 NM TO RW16		RW16	MAP	TF	FO	0.30	164.95	1.99	
RW16	MAP	500 MSL		CA			164.95		500
500 MSL		MARSA		TF	FO	1.00			3000

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW16

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT MARSA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. PROFILE STARTS AT AZWAR
3. FAC: 164.95

FAF: OCIPi

DIST FAF TO MAP: 5.13

DIST FAF TO THLD: 5.13
4. MIN ALT: AZWAR 2000, OCIPi 1700, KOMDY/1.99 NM TO RW16 700
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

260 HAT: 0.65

GS ANT:
6. MIN GP INCPT: 1700

GP ALT AT FAF: OCIPi 1700

OM:

MM:

IM:
7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 53.3
8. MSA FROM: RW16 3100



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -4°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ORANGE COUNTY ALTIMETER SETTING.
CHART NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE COUNTY ALTIMETER SETTING: INCREASE LPV DA TO 307 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE LNAV/VNAV DA TO 363 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C/D/E 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 295.96 INBOUND.
CHART FAS OBST: 170 POLE (48-199061) 295936N/0940209W.
CHART VDP AT 1.10 NM TO RW16.
WAAS CHANNEL # 82316
REFERENCE PATH ID: W16A
LTP HAE: -22.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	275	3/4	260	275	3/4	260	275	3/4	260	275	3/4	260	275	3/4	260
LNAV/VNAV DA	331	7/8	316	331	7/8	316	331	7/8	316	331	7/8	316	331	7/8	316
LNAV MDA	420	1	405	420	1	405	420	1 1/8	405	420	1 1/8	405	420	1 1/8	405

CHANGES - REASONS

1. INCREASED LPV DA/HAT FROM 273/258 TO 275/260. – NEW EVALUATION COMPLETE.
2. DECREASED LNAV/VNAV DA/HAT FROM 422/407 TO 331/316; DECREASED VISIBILITY FROM 1 1/2 TO 7/8. – LNAV/VNAV NEW CONTROLLING OBSTACLE.
3. DECREASED LNAV VISIBILITY CAT C/D FROM 1 1/4 TO 1 1/8, CAT E FROM 1 1/2 TO 1 1/8. – IAW 8260-3E TABLE 3-3-1.
4. REMOVED INITIAL FROM SILBE. – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
5. UPDATED INITIAL RIJIP COURSE/DISTANCE FROM 070.87/6.00 TO 074.84/8.80. – KBPT MAGVAR UPDATED FROM E5/1985 TO E1/2025; INITIAL EXTENDED TO ACCOMMODATE ATC VECTORS.
6. UPDATED INTERMEDIATE AZWAR COURSE/DISTANCE FROM 160.93/6.20 TO 164.94/6.13; RNP FROM 0.50 TO 1.00. – FAF MOVED; IAW 8260.58A TABLE 1-2-1.
7. UPDATED FINAL COURSE/DISTANCE OCIPI TO KOMDY FROM 160.95/3.06 TO 164.95/3.14, KOMDY TO RW16 FROM 160.95/2.00 TO 164.95/1.99. – KBPT MAGVAR UPDATED FROM E5/1985 TO E1/2025; FAF AND LNAV STEPDOWN MOVED TO ACCOMMODATE GPA/TCH 3.0/53.3.
8. TERMINAL ROUTES: MISSED APPROACH CA LEG ADDED. - IAW 8260.58B 3-5-2.
9. CHANGED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 3000 DIRECT HEDIR AND VIA TRACK 104.49 TO MARSA AND HOLD” TO “CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT MARSA AND HOLD.” – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
10. LINE 3: UPDATED FAC FROM 160.95 TO 164.95; DIST FAF TO MAP/THLD FROM 5.06 TO 5.13. - KBPT MAGVAR UPDATED FROM E5/1985 TO E1/2025; FAF MOVED.
11. LINE 4: REMOVED *, AND *LNAV ONLY FROM CHART NOTES. - NO LONGER REQUIRED.
12. LINE 5: LINE 5: ADDED DISTANCE TO THLD FROM 260 HAT: 0.65. REMOVED "DISTANCE TO THLD FROM 258 HAT: 0.65 NM" FROM ADDITIONAL FLIGHT DATA. – INCREASED LPV DA; FORMS UPDATED.
13. LINE 7: ADDED 20:1 IS CLEAR. – NO 20:1 PENETRATIONS.
14. UPDATED PBN REQUIREMENTS NOTE: FROM RNP APCH TO RNP APCH - GPS. - IAW 8260.58B TABLE 1-2-1.
15. COMBINED CHART NOTES: BARO-VNAV NA WHEN USING ORANGE COUNTY ALTIMETER SETTING AND VDP NA WHEN USING ORANGE COUNTY ALTIMETER SETTING. – UPDATED FORMS.
16. UPDATED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW FROM “-15C (5F) OR ABOVE 49C (120F)” TO “-4F TO 54C.” – UPDATED WEATHER STUDY (2018-2022) USED FOR SLOPE CALCULATIONS AND TO DETERMINE UPPER/LOWER TEMPERATURE LIMITS FOR UNCOMPENSATED BARO-VNAV SYSTEMS; FAHRENHEIT REMOVED IAW 8260.19I.
17. REMOVED ADDITIONAL FLIGHT DATA: CHART 301 REFINERY 300043N/0940142W. - ONLY STEPDOWN NON-PRECISION OBSTACLE IS DOCUMENTED.
18. UPDATED ADDITIONAL FLIGHT DATA: FROM CHART VDP AT 1.11 NM TO 1.10 RWY 16. – FAF OCIPI MOVED; UPDATED EVALUATION.
19. FAS DATA: UPDATED LTP/FTP LATITUDE/LONGITUDE FROM 295728.7575N/0940131.2890W TO 295728.7570N/0940131.2880W. – NEW LTP/FTP LOCATION.
20. FAS DATA: UPDATED FPAP LATITUDE/LONGITUDE FROM 295602.1100N/0940106.4100W TO 295602.1090N/0940106.4090W. – NEW FPAP LOCATION.
21. FAS DATA: UPDATED LTP/FPAP ORTHOMETRIC HEIGHT FROM +00046 TO +00044. – LTP AND FPAP UPDATED.
22. FAS DATA: UPDATED CRC REMAINDER FROM E2D8940E TO 40C1EFF0. – LTP/FTP & FPAP LAT/LONG, ORTHOMETRIC HEIGHT UPDATED.
23. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO THIS FORM - BRING PROCEDURE UP TO DATE.
24. REMOVED EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED - NOT REQUIRED BY CURRENT CRITERIA.
25. PROCEDURE TCH CHANGED FROM 52.0 TO 53.3 - MATCHING VGSI TCH.

12/12/2023: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/26/2023.
PROFILE LINE 6: ADDED GP ALT AT FAF: 1700.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☐

HAI

☐

NBAA

☒

OTHER:

ZHU, HOU APP CON, BPT ATCT, AMGR

FLIGHT CHECKED BY

JAMES MICHAEL HAWLEY

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

OFFICE

FIOG

DATE

11/29/2023

DEVELOPED BY

CASIMIR L. TABAKA (BARBARA GORMAN)

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

OFFICE

AJV-A432

DATE

07/14/2023

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2023

OFFICE

AJV-A430

DATE

TITLE

MANAGER



AIRPORT ID
BPT

PROCEDURE NAME
RNAV (GPS) RWY 16

ORIGINAL/AMENDMENT
1

CITY
BEAUMONT/PORT ARTHUR

STATE
TX

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBPT
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	295728.7570N
LTP/FTP LONGITUDE	0940131.2880W
LTP/FTP ELLIPSOIDAL HEIGHT	-00229
FPAP LATITUDE	295602.1090N
FPAP LONGITUDE	0940106.4090W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1208
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	40C1EFF0
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00044
FPAP ORTHOMETRIC HEIGHT	+00044

QUALITY
20
CHECKED