

**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> PVC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> PROVINCETOWN	<u>STATE</u> MA
<u>AIRPORT ELEVATION</u> 8	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/04/2016
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 16W
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DUNKK		ONRAE		TF	FB	1.00	159.09	6.16	3000
CRACO		PEPDE		TF	FB	1.00	347.05	22.88	3000
ONRAE	IAF	WOMEK	NOPT	TF	FB	1.00	147.60	4.55	3000
PEPDE	IAF	WOMEK	NOPT	TF	FB	1.00	345.16	4.99	3000
WOMEK	IF/IAF	PHONY		TF	FB	1.00	075.10	8.00	2000
PHONY	FAF	FABIX/2.20 NM TO RW07		TF	FB	0.30	075.22	3.93	
FABIX/2.20 NM TO RW07		RW07	MAP	TF	FO	0.30	075.22	2.20	
RW07	MAP	208 MSL		CA			075.22		
208 MSL		WULGA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WULGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- HOLD W WOMEK, RT, 075.10 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4000.
- FAC: 075.22 FAF: PHONY DIST FAF TO MAP: 6.13 DIST FAF TO THLD: 6.13
- MIN ALT: WOMEK 3000, PHONY 2000, FABIX/2.20 NM TO RW07 740
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.50 GS ANT: MM: IM:
- MIN GP INCPT: 2000 GP ALT AT PFAF: PHONY 2000
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 40.0
- MSA FROM: RW07 1800



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HYA ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 25 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING HYA ALTIMETER SETTING, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING: INCREASE LPV DA TO 271 FEET, INCREASE LNAV/VNAV DA TO 331 FEET; INCREASE ALL MDA 80 FEET.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 255.47 INBOUND.
CHART FAS OBST: 106 TREE 420345N/0701300W.
CHART VDP AT 0.98 NM TO RW07.
WAAS CHANNEL # 86738
REFERENCE PATH ID: W07A
CHART CIRCLING ICON.
LTP HAE: -25.2 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	208	3/4	200	208	3/4	200		NA			NA				
LNAV/VNAV DA	268	3/4	260	268	3/4	260		NA			NA				
LNAV MDA	360	3/4	352	360	3/4	352		NA			NA				
CIRCLING	460	1	452	660	1	652		NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED FEEDER ROUTE DUNNK TO ONRAE RNP VALUE FROM "2.00" TO "1.00" - PER CRITERIA 8260.58C 1-2-4 (C).
2. TERMINAL ROUTES: CHANGED FEEDER ROUTE CRACO TO PEPDE RNP VALUE FROM "2.00" TO "1.00" - PER CRITERIA 8260.58C 1-2-4 (C).
3. TERMINAL ROUTES: MISSED APPROACH DF LEG ADDED RNP VALUE OF "1.00" - PER CRITERIA 8260.58C 1-2-4 (C).
4. PROFILE: LINE 2 CHANGED FROM "HOLD W WOMEK, RT, 075.10 INBOUND, 3000 FT. IN LIEU OF PT (I AF)" TO "HOLD W WOMEK, RT, 075.10 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4000" - UPDATED TO SHOW MAX ALTITUDE FOR HILPT.
5. PROFILE: LINE 4 CHANGED FROM "WOMEK 3000, PHONY 2000, FABIX/2.20 NM TO RW07 740*" TO "WOMEK 3000, PHONY 2000, FABIX/2.20 NM TO RW07 740" - REMOVED ASTERISK, NO LONGER NEEDED.
6. PROFILE: LINE 7 ADDED "20:1 IS CLEAR" - PER CRITERIA 8260.19J 8-6-7 (G) (3).
7. PBN REQUIREMENTS NOTE: ADDED "RNP APCH-GPS" - 8260.19J 8-6-8 (D) (4) (I).
8. NOTES: ADDED "CIRCLING RWY 25 NA AT NIGHT" - RE-ADDED CHART NOTE FROM PREVIOUS AMENDMENT. RWY 25 IS "PROCEDURE NA" AT NIGHT AND NO RUNWAY SURVEY PERFORMED FOR RWY 25, 20:1 UNLIT PENETRATIONS ARE ASSUMED.
9. NOTES: CHANGED CHART NOTE FROM "BARO/VNAV AND VDP NA WHEN USING HYANNIS ALTIMETER SETTING" TO "BARO-VNAV AND VDP NA WHEN USING HYA ALTIMETER SETTING" - PER CRITERIA 8260.19J 8-6-10 (E) (9).
10. NOTES: UPDATED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING: INCREASE LPV DA TO 271, INCREASE LNAV/VNAV DA TO 331, AND CAT A/B VISIBILITY 1/8 MILE AND ALL MDA 80 FEET" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYA ALTIMETER SETTING: INCREASE LPV DA TO 271 FEET, INCREASE LNAV/VNAV DA TO 331 FEET; INCREASE ALL MDA 80 FEET" - UPDATED TO CURRENT 8260.19J FORMATTING.
11. NOTES: UPDATED CHART NOTE FROM "FOR INOPERATIVE MALSF WHEN USING HYANNIS ALTIMETER SETTING, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE" TO "FOR INOPERATIVE ALS WHEN USING HYA ALTIMETER SETTING, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM" - UPDATED TO SHOW <LOCATION/ICAO ID>.
12. NOTES: UPDATED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - UPDATED TO REMOVE FAHRENHEIT VALUES.
13. NOTES: REMOVED CHART NOTE "DME/DME RNP 0.3 NA" - REPLACED WITH PBN REQUIREMENTS NOTE.
14. ADDITIONAL FLIGHT DATA: REMOVED "*"LNAV ONLY" - NO LONGER NEEDED.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZBW, CAPE APP CON, AIRPORT MANAGER.

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE

Digitally signed by

DAVID DANNER

Apr 23, 2025

DATE

DEVELOPED BY

TRAVIS BRISTOW

Digitally signed by

TRAVIS D BRISTOW

Apr 18, 2025

OFFICE

AJV-A421

DATE

02/10/2025

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Apr 23, 2025

OFFICE

AJV-A421

DATE

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPVC
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	420411.3870N
LTP/FTP LONGITUDE	0701334.6085W
LTP/FTP ELLIPSOIDAL HEIGHT	-00252
FPAP LATITUDE	420456.8810N
FPAP LONGITUDE	0701151.7220W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	86731A83

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00023
FPAP ORTHOMETRIC HEIGHT	+00023



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
PVC	RNAV (GPS) RWY 7	1A	PROVINCETOWN	MA	8	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM DUNKK **TO** ONRAE

RNP 1.00 **DISTANCE** 6.16 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	420405.44N/0704005.44W	269	50	20	2C	1000				AT1731	3000
TERRAIN	420449.97N/0703913.37W	49 (0)								AS1500	1500

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:

FEEDER

FROM CRACO **TO** PEPDE

RNP 1.00 **DISTANCE** 22.88 **PAT** **MAP** **HAT** **HMAS**

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (25-000176)	414120.09N/0702047.06W	546	250	50	4D	1000				AT1451	3000
TERRAIN	414109.00N/0702048.00W	220 (200)								AS1500	1700

COMPUTATIONS

ALT **KIAS** **KTAS** **HAA** **VKTW** **TR** **BA** **DTA** **COURSE CHANGE** **DVEB** **VEB OCS** **RF CENTER FIX/DISTANCE**

SEGMENT REMARKS:



INITIAL

FROM

ONRAE

TO

WOMEK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	4.55										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
SHIP	415902.29N/0703231.50W	208	50	20	2C	1000				AT1792	3000
WATER	415902.29N/0703231.50W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

PEPDE

TO

WOMEK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	4.99										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
SHIP	415426.97N/0702617.60W	208	50	20	2C	1000				AT1792	3000
WATER	415426.97N/0702617.60W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

WOMEK (IF/IAF)

TO

PHONY

RNP

1.00

DISTANCE

8.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
SHIP	420052.33N/0702417.42W	208	50	20	2C	500				AT1292	2000
WATER	420052.33N/0702417.42W	0								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

PHONY

TO

RW07

RNP

0.30

DISTANCE

6.13

PAT

MAP

DA

HAT

200

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				208

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

PHONY

TO

RW07

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	6.13		DA				260				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	420345.00N/0701300.00W	106	50	20	2C	142				AC20	268

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

PHONY

TO

FABIX/2.20 NM TO RW07

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.93										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
SHIP	420229.88N/0701724.18W	208	50	20	2C	250				DG205 RA63 XL7	740

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

FABIX/2.20 NM TO RW07

TO

RW07

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	2.20		RW07				352				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	420345.00N/0701300.00W	106	50	20	2C	250					360

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

WOMEK

TO

P-5

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-5	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (25-000579)	415602.00N/0703508.00W	692	50	20	2C	1000				AT1308	3000
TERRAIN	415536.00N/0703527.00W	401 (400)								AS1500	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

WULGA

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 43				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TREE (25-021559)	420403.42N/0701345.06W	21	20	3	1A	1000					1100
TERRAIN	420400.00N/0701351.00W	23 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

WULGA

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 126				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TREE (25-021559)	420403.42N/0701345.06W	21	20	3	1A	1000					1100
TERRAIN	420400.00N/0701351.00W	23 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW07

TO

WULGA

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>		<u>HMAS</u> 258				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3000
TREE (25-021559)	420403.42N/0701345.06W	21	20	3	1A	1000					1100
TERRAIN	420400.00N/0701351.00W	23 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

PVC

PROCEDURE NAME

RNAV (GPS) RWY 7

AMDT NO.

1A

CITY

PROVINCETOWN

STATE

MA

AIRPORT ELEVATION

8

FACILITY

RNAV

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	420412.00N/0701121.00W	1.30	452	143	50	20	2C	300			460
CATEGORY B											
MON (25-000049)	420308.03N/0701119.29W	1.81	652	348	20	3	1A	300			660
CATEGORY C											
MONUMENT (25-000049)	420308.03N/0701119.29W	2.83	652	348	20	3	1A	300			660

CIRCLING REMARKS:

MSA

CENTER

RW07

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (25-000357) (25-000357)	415744.00N/0704257.00W	270	22.8	749	50	20	2C	1000			1800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

NOTES/EXPLANATIONS
VISUAL PORTION OF FINAL APPROACH EVALUATED IAW AFS-400 MEMORANDUM DATED 11/04/2014

60 FT VEGETATION 64 FT SHIP MAST OVER WATER WITHIN AAO EXEMPT AREA AND 208 FT SHIPS USED IN AAO AREAS.

OBSTACLE 2 TERRAIN IPDS USING AREA OUTSIDE OF FIX TO FIX AREA.
OBSTACLE 5/6, IPDS SELECTING THE OCEAN IN PRIMARY ARE AS TERRAIN CONTROLLER, TURNED OFF TERRAIN TO MAKE THE SHIP THE CONTROLLER, ALL TERRAIN IN THE SEGMENT IS IN THE SECONDARY, I USED THE SAME SPOT FOR TERRAIN AS OBSTACLE 5.
OBSTACLE 7/8, IPDS IS SELECTING OCEAN PRIOR TO THE FIX FOR THE TERRAIN CONTROLLING OBSTACLE. THERE IS A SMALL AREA OF LAND AT THE EDGE OF THE TRAP IN THE SECONDARY, TERRAIN OBSTACLE SELECTION IS THE SAME LOCATION AS THE SHIP THAT IS USED FOR THE SEGMENT OBSTACLE.

OBSTACLE 9/10, THE SHIPMAST WAS PULLED INTO THE PROCEDURE WHEN CREATING THE WORK AREA, MSL VALUE WAS 206 UPDATED OBSTACLE IN AIRNAV TO 208 MSL, USED THE SAME POINT FOR AIRSPACE SINCE THE ENTIRE SEGMENT IS OVER WATER.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZBW ARTCC, CAPE APP CON, BDR FSS

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
AWOS-3PT	PVC	0	PVC	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	HYA	24	HYA	24.34	Y	63

WX REMARKS:

RASS PRESSURE THE SAME.
KPVC 7.8, KHYA 54.1 RA = 62.4.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	
RW07 - MALSF (PCL), HIRL (PCL), PAPI-4R (PCL)	PIR-G		
RW25 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)	PIR-G		

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	7.6	40.0			3.00	40.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
-15C	+54C	-15C	+14.98C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 708 HIGH TEMP 1120.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CIRCLE TO RWY 24 NA DUE TO NO AIRPORT/NIGHT SURVEY FOR RWY 25, 20:1 UNLIT VISUAL PENETRATIONS ARE ASSUMED.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.99
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	059.22
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	0
DISTANCE FROM	THLD	TO 1500FT POINT	4.65
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	059.22
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	0

THRESHOLD COORDINATES (IF STR-IN)	420411.39N/0701334.61W
ARP COORDINATES	420420.20N/0701314.60W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 7 DISTANCE 0.29 NM
FAF COORDINATES	420103.29N/0702038.95W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

LABIX SDF 420304.00N/0701607.01W.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TRAVIS BRISTOW	AJV-A421	02/10/2025	AERONAUTICAL INFORMATION SPECIALIST

