

**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> KPSM	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> PORTSMOUTH	<u>STATE</u> NH		
<u>AIRPORT ELEVATION</u> 100	<u>TDZE</u> 100	<u>SUPERSEDED</u> RNAV (GPS) RWY 16	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 16W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 075/30 CW 255/30	NOPT	075/5 CW 255/5		4600
2. 075/5 CW 255/5		ITAWA	IF/IAF	3000
3. 255/30 CW 345/30		ITAYI	IAF	3000
4. 345/30 CW 075/30		ITAWT	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ITAYI	IAF	ITAWA	NOPT	TF	FB	1.00	255.11	9.70	3000
ITAWT	IAF	ITAWA	NOPT	TF	FB	1.00	074.85	9.70	3000
ITAWA	IF/IAF	PUDYE		TF	FB	1.00	164.98	5.91	2000
PUDYE	FAF	CARAY/1.78 NM TO RW16		TF	FB	0.30	165.02	4.02	
CARAY/1.78 NM TO RW16		RW16	MAP	TF	FO	0.30	165.02	1.78	
RW16	MAP	300 MSL		CA			165.02		
300 MSL		TTATT		DF	FB	1.00			
TTATT		IDEED		TF	FO	1.00	165.09	9.81	3000

QUALITY
2
CHECKED

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT TTATT AND TRACK 165 TO IDEED AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD N ITAWA, RT, 164.98 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	165.02	FAF: PUDYE	DIST FAF TO MAP: 5.80		DIST FAF TO THLD: 5.80
4. MIN ALT: ITAWA 3000, PUDYE 2000, CARAY/1.78 NM TO RW16 720					
5. DIST TO THLD FROM FAF: 5.80	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT: 2000	GP ALT AT PFAF :	PUDYE 2000	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})
CHART NOTE: CIRCLING NA E OF RWY 16-34
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING ROCHESTER ALTIMETER SETTING)
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4500; INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500; INCREASE LNAV CAT C/D/E VISIBILITY TO RVR 5500

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 345.17 INBOUND
CHART FAS OBST: 220 TREE (33-033485) 430550N/0705001W
380 AAO 431015N/0705348W
CHART VDP AT 0.97 NM TO RW16
WAAS CHANNEL # 40012
REFERENCE PATH ID: W16A
CHART CIRCLING ICON
LTP HAE: 2.9 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2 - 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*	300	2400	200	300	2400	200	300	2400	200	300	2400	200	300	2400	200
LNAV/VNAV DA	397	2400	297	397	2400	297	397	2400	297	397	2400	297	397	2400	297
LNAV MDA	480	2400	380	480	2400	380	480	3500	380	480	3500	380	480	3500	380
CIRCLING	500	1	400	560	1	460	680	1 1/2	580	780	2 1/4	680	800	2 1/2	700

CHANGES - REASONSTHIS AMENDMENT CANCELS FDC NOTAM 1/1384 UPDATED CIRCLING
AMENDED EQUIPMENT REQUIREMENTS NOTE FROM "RNP APP - GPS" TO "RNP APCH - GPS" - 8260.19I 8-6-8 B(2)**COORDINATED WITH:****A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, BOS APP CON, PSM ATCT, AMGR**FLIGHT CHECKED BY**PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION**OFFICE****DATE***Digitally signed by***DEVELOPED BY**

KELLY CARLSON

*Digitally signed by***MARK D ADAMS**

Nov 16, 2021

MARK D ADAMS

Nov 16, 2021

OFFICE

AJV-A412

DATE**APPROVED BY**

JULIE MORGAN

*Digitally signed by***MARK D ADAMS**

Nov 16, 2021

OFFICE

AJV-A410

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPSM
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	430521.7995N
LTP/FTP LONGITUDE	0704957.4370W
LTP/FTP ELLIPSOIDAL HEIGHT	+00029
FPAP LATITUDE	430352.6735N
FPAP LONGITUDE	0704844.5985W
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)	35.0
CRC REMAINDER	50F1D377

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00297
FPAP ORTHOMETRIC HEIGHT	+00297

