

**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 ID</u> KPSM	<u>PROCEDURE NAME</u> ILS OR LOC 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SUPERSEDED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> ILS OR LOC 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> I-PGQ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 2021	<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>
CON VOR/DME	IAF	ITAWA INT/PSM DME 11.98 DME/RADAR	NOPT				100.02	26.65 (CON R-100)	3000
ENE VOR/DME	IAF	ITAWA INT/PSM DME 11.98 DME/RADAR	NOPT				254.13	18.60 (ENE R-254)	3000
ITAWA INT/PSM DME 11.98 DME/RADAR	IF/IAF	PUDYE INT/PSM DME 6.07 DME/RADAR					165.07	5.91 (I-PGQ)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.80 NM AFTER PUDYE INT/PSM DME 6.07 DME/RADAR OR AT PSM DME 0.30 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON CON VOR/DME R-130 TO RAYMY INT/CON VOR/DME 22.51 DME/RADAR AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N ITAWA INT/PSM DME 11.98 DME/RADAR, RT, 165.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4600
3. FAC: 165.07 FAF: PUDYE INT/PSM DME 6.07 DME/RADAR DIST FAF TO MAP: 5.80 DIST FAF TO THLD: 5.80
4. MIN ALT: ITAWA INT/PSM DME 11.98 DME/RADAR 3000, PUDYE INT/PSM DME 6.07 DME/RADAR 2000, CARAY/PSM DME 2.05 DME/RADAR 720
5. DIST TO THLD FROM FAF: 5.80 MM: IM: 150 HAT: GS ANT: 991
6. MIN GS INCPT: 2000 GS ALT AT PFAF: PUDYE INT/PSM DME 6.07 DME/RADAR 2000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.0
8. MSA FROM: ARP KPSM 2900



EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED

NOTES:

CHART NOTE: CIRCLING NA EAST OF RWY 16-34

CHART NOTE: DME FROM PSM DME. SIMULTANEOUS RECEPTION OF I-PGQ AND PSM DME REQUIRED

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ENE VOR/DME AIRWAY RADIALS 097 CW 300

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

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 S-ILS 16 CAT D VISIBILITY TO RVR 4000; INCREASE S-LOC 16 CAT C/D/E VISIBILITY TO RVR 5500

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CON VOR/DME AIRWAY RADIALS 061 CW 088

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW ONLY: RAYMY INT/CON VOR/DME 22.51 DME/RADAR

HOLD SE, RT, 310.00 INBOUND

CHART FAS OBST: 203 WINDMILL (33-033841) 430649N/0705106W

400 AAO 431109N/0705543W

CHART VDP AT 1.25 DME

DISTANCE VDP TO THLD 0.97 NM

CHART CIRCLING ICON

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; NA WHEN LOCAL WEATHER NOT AVAILABLE; LOC: STANDARD - CAT D 800-2 1/4, CAT E 800-2 1/2- NA WHEN LOCAL WEATHER NOT AVAILABLE

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 16*	300	2400	200	300	2400	200	300	2400	200	300	2400	200	300	2400	200
S-LOC 16	480	2400	380	480	2400	380	480	3500	380	480	3500	380	480	3500	380
CIRCLING	540	1	440	560	1	460	680	1 1/2	580	780	2 1/4	680	800	2 1/2	700

CHANGES - REASONS

THIS AMENDMENT CANCELS FDC NOTAM 1/1391 DATED 10/07/2021 UPDATED CIRCLING

AMENDED MAP FROM "LOC: 5.80 NM AFTER PUDYE INT/PSM DME 6.07 DME/RADAR" TO "LOC: 5.80 NM AFTER PUDYE INT/PSM DME 6.07 DME/RADAR OR AT PSM 0.30 DME" - 8260.19I 8-6-6 C(1)

AMENDED NOTES FROM "CHART NOTE: DME FROM PSM DME. SIMULTANEOUS RECEPTION OF I-PCQ AND PSM DME REQUIRED" TO "CHART NOTE: DME FROM PSM DME. SIMULTANEOUS RECEPTION OF I-PGQ AND PSM DME REQUIRED" - 8260.19I 8-6-9 K

QUALITY
2
CHECKED

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 *Digitally signed by*

OFFICE

DATE

DEVELOPED BY

KELLY CARLSON

Digitally signed by

MARK D ADAMS

MARK D ADAMS

Nov 16, 2021

OFFICE

AJV-A412

DATE

APPROVED BY

JULIE MORGAN

Nov 16, 2021

Digitally signed by

MARK D ADAMS

Nov 16, 2021

OFFICE

AJV-A410

DATE

TITLE

MANAGER

