

**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> 3	<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SUPERSEDED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> 2B	<u>DATED</u> 02/25/2021	<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> 2 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

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:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N ITAWA INT/PSM DME 11.98 DME/RADAR, RT, 165.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4600
- FAC: 165.07 FAF: PUDYE INT/PSM DME 6.07 DME/RADAR DIST FAF TO MAP: 5.80 DIST FAF TO THLD: 5.80
- 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
- DIST TO THLD FROM FAF: 5.80 MM: IM: 150 HAT: GS ANT: 991
- MIN GS INCPT: 2000 GS ALT AT FAF: PUDYE INT/PSM DME 6.07 DME/RADAR 2000 OM: MM: IM:
- GP ANGLE: 3.00 34:1 20:1 TCH: 55.0
- 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-PCQ 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 E 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 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 NOTAMS 0/7127 AND 9/8260

AMENDED TERMINAL ROUTE SEGMENT FROM "CON VOR/DME IAF ITAWA INT/PSM VOR/DME 11.98 NOPT 100.02 26.65 AT 3000" TO "CON VOR/DME IAF ITAWA INT/PSM 11.98 DME/RADAR NOPT 100.02 26.65 AT 3000" - PSM VOR/MON CANCELLATION

AMENDED TERMINAL ROUTE SEGMENT FROM "ENE VOR/DME IAF ITAWA INT/PSM VOR/DME 11.98 DME NOPT 254.12 18.61 AT 3000" TO "ENE VOR/DME IAF ITAWA INT/PSM 11.98 DME/RADAR NOPT 254.13 18.60 AT 3000" - PSM VOR/MON CANCELLATION

AMENDED TERMINAL ROUTE SEGMENT FROM "ITAWA INT/PSM VOR/DME 11.98 DME IF/IAF PUDYE INT/PSM VOR/DME 5.98 DME/RADAR 165.07 6.00 (I-PCQ) AT 2000" TO "ITAWA INT/PSM DME 11.98 DME/RADAR IF/IAF PUDYE INT/PSM DME 6.07 DME/RADAR 165.07 5.91 (I-PGQ) AT 2000" - 8260.19I 8-6-4 B(2) AND PSM VOR/MON CANCELLATION

AMENDED LOC MAP FROM "LOC: 5.71 NM AFTER PUDYE INT/PSM VOR/DME 5.98 DME/RADAR OR AT PSM VOR/DME 0.30 DME" TO "LOC: 5.80 NM AFTER PUDYE INT/PSM DME 6.07 DME/RADAR OR AT PSM DME 0.30 DME" - 8260.19I 8-6-6 C(1) AND PSM VOR/MON CANCELLATION

AMENDED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 ON PSM VOR/DME R-164 TO IDEED/ PSM VOR/DME 12.27 DME AND HOLD" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON CON VOR/DME R-130 TO RAYMY INT/CON 22.51 DME/RADAR AND HOLD" - 8260.19I 8-6-6 G

DELETED ALTERNATE MISSED APPROACH INSTRUCTIONS - 8260.19I 8-6-6 H(1) AND ATC REQUEST

AMENDED PROFILE LINE 2 FROM "HOLD N ITAWA, RT, 165.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4600" TO "HOLD N ITAWA INT/PSM DME 11.98 DME/RADAR, RT, 165.07 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 4600" - 8260.19I 8-6-7 B(2)(A) AND PSM VOR/MON CANCELLATION

AMENDED PROFILE LINE 3 FROM "FAF: PUDYE INT/PSM VOR/DME 5.98 DME/RADAR", "DIST FAF TO MAP: 5.71", AND "DIST FAF TO THLD: 5.71" TO "FAF: PUDYE INT/PSM DME 6.07 DME/RADAR", "DIST FAF TO MAP: 5.80", AND "DIST FAF TO THLD: 5.80" - 8260.19I 8-6-7 C(2) AND NOTE 1 AND PSM VOR/MON CANCELLATION

AMENDED PROFILE LINE 4 FROM "MIN ALT: ITAWA INT/PSM VOR/DME 11.98 DME 3000, PUDYE INT/PSM VOR/DME 5.98 DME/RADAR 2000, CARAY/PSM VOR/DME 1.57 DME 540*" TO "MIN ALT: ITAWA INT/PSM DME 11.98 DME/RADAR 3000, PUDYE INT/PSM DME 6.07 DME/RADAR 2000, CARAY/PSM 2.05 DME/RADAR 720" - 8260.19I 8-6-7 D(3) AND (5) AND PSM VOR/MON CANCELLATION

ADDED TO PROFILE LINE 5 "DIST TO THLD FROM FAF: 5.80" - 8260.19I 8-6-7 E

AMENDED PROFILE LINE 6 FROM "GS ALT AT FAF: PUDYE INT/PSM VOR/DME 5.98 DME/RADAR 2000" TO "GS ALT AT FAF: PUDYE INT/PSM DME 6.07 DME/RADAR 2000" - 8260.19I 8-6-7 F(1), (4), AND (5) AND PSM VOR/MON CANCELLATION

AMENDED PROFILE LINE 8 FROM "MSA FROM: PSM VOR/DME 090-180 1600, 180-090 2900" TO "MSA FROM: KPSM 2900" - 8260.19I 8-6-7 H(1) AND (2)

AMENDED EQUIPMENT REQUIREMENTS NOTES FROM "DME REQUIRED FOR MISSED APPROACH" TO "DME OR RADAR REQUIRED" - 8260.19I 8-6-8 A(2)(B)

DELETED NOTE "LOC ONLY" - NO LONGER NEEDED

DELETED NOTE "CHART: ASR" - 8260.19I 1-1-15 F(16)

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

AMENDED NOTE FROM "CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" TO "CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING ROCHESTER ALTIMETER SETTING)" - 8260.19I 8-6-11 K(1)

AMENDED NOTE FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 16 CAT E VISIBILITY TO RVR 4000 AND S-LOC 16 CAT E VISIBILITY TO 1 1/2 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 16 CAT E VISIBILITY TO RVR 4000; INCREASE S-LOC 16 VISIBILITY TO RVR 5500" - TABLES 3-3-1 (CAT C-E), 3-3-3 (CAT A), AND 3-3-4 (CAT B)

DELETED NOTE "CHART NOTE: CARAY FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 16 CAT E VISIBILITY TO RVR 6000" - DELETED CARAY FIX MINIMUMS

ADDED TO ADDITIONAL FLIGHT DATA "CHART IN PLANVIEW ONLY: RAYMY/CON VOR/DME 22.51 DME/RADAR" - SOLELY FOR INFORMATIONAL PURPOSES

ADDED TO ADDITIONAL FLIGHT DATA "CHART CIRCLING ICON" - 8260.19I 8-6-10 S

ADDED TO ADDITIONAL FLIGHT DATA "CHART VDP AT 1.25 DME" AND "DIST VDP TO THLD 0.97 NM" - 8260.19I 8-6-10 M MEMO

AMENDED ADDITIONAL FLIGHT DATA FROM "HOLD S, RT, 344.47 INBOUND" TO "HOLD SE, RT, 310.00 INBOUND" - PROCEDURAL REDESIGN AND 8260.19I 8-6-10 B(1)

DELETED FROM ADDITIONAL FLIGHT DATA "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE RAYMY/MHT 16.16 DME, RT, 239.56 INBOUND" - PROCEDURAL REDESIGN AND 8260.19I 8-6-10 B(2)

AMENDED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 198 TREE 430547N/0705000W" TO "CHART FAS OBST: 203 WINDMILL 430649N/0705106W" - NEW FINAL CONTROLLING OBSTACLE IDENTIFIED AND 8260.19I 8-6-10 C

DELETED FROM ADDITIONAL FLIGHT DATA FROM "CHART IN PLANVIEW: RAYMY/MHT 16.16 DME" - ALT MA HOLDING INSTRUCTIONS DELETED

AMENDED ALTERNATE MINIMUMS FROM "ILS: STANDARD - CAT E 700-2 1/2; LOC: STANDARD - CAT E 800-2 1/2" TO "ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2, CAT E 800-2 3/4. NA WHEN LOCAL WEATHER NOT AVAILABLE" - 8260.3D 3-4 -1 D

DELETED CARAY FIX MINIMUMS - CARAY NOW A DME RADAR FIX AND DME OR RADAR IS REQUIRED FOR THE PROCEDURE

CARAY NOW A DME/RADAR FIX AND DME OR RADAR IS REQUIRED FOR THE PROCEDURE

AMENDED S-LOC 16 CATS A AND B MDA/HAT FROM "540/440" TO "480/380", CAT C MDA/VIS/HAT FROM "540/4000/440" TO "480/3500/380" AND CATS D AND E MDA/VIS/HAT FROM "540/5000/440" TO "480/3500/380" - DELETED CARAY FIX MINIMUMS, NEW FINAL CONTROLLING OBSTACLE IDENTIFIED AND 8260.3D TABLES 3-3-1 (CAT C/D/E), 3-3-3 (CAT A), AND 3-3-4 (CAT B)

AMENDED CIRCLING CAT C MDA/HAA FROM "560/460" TO "680/580" AND CAT D MDA/VIS/HAA FROM "680/2/580" TO "860/2 1/2/760" - DELETED CARAY FIX MINIMUMS AND NEW CONTROLLING OBSTACLES IDENTIFIED IN INCREASED CIRCLING AREA



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZBW, BOS APP CON, PSM ATCT, AMGR

FLIGHT CHECKED BY

BOB S PRESSLER

Digitally signed by
CASIMIR L TABAKA
Sep 29, 2021

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FPO

DATE

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TITLE
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