

**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> KGON	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 11F	<u>CITY</u> GROTON (NEW LONDON)	<u>STATE</u> CT		
<u>AIRPORT ELEVATION</u> 9	<u>TDZE</u> 8	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 11E	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> I-GON	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GON VOR/DME		PINET INT/I-GON 6.65 DME					224.78	5.90	1900
MAD VOR/DME		FLIBB/MAD 13.27 DME					126.00	13.27	2000
FLIBB/MAD 13.27 DME	IAF	MONDI INT/I-GON 13.23 DME	NOPT				126.00	10.98 (MAD R-126)	1900
MONDI INT/I-GON 13.23 DME	IF	PINET INT/I-GON 6.65 DME					047.97	6.58 (I-GON)	1900

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.72 NM AFTER PINET INT/I-GON 6.65 DME OR AT I-GON 0.93 DME

MISSED APPROACH INSTRUCTIONS:

CLIMBING RIGHT TURN TO 2100 ON GON VOR/DME R-062 TO BABET INT/GON 5.74 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100. ALTERNATE

MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2500 ON GON VOR/DME R-024 TO ORW VOR/DME AND HOLD.

:PROFILE

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SW PINET, RT, 047.97 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 4500.
3. **FAC:** 047.97 **FAF:** PINET INT/I-GON 6.65 DME **DIST FAF TO MAP:** 5.72 **DIST FAF TO THLD:** 5.72
4. **MIN ALT:** PINET INT/I-GON 6.65 DME 1900
5. **DIST TO THLD FROM OM:** 5.72 **MM:** **IM:** **150 HAT:** **GS ANT:** 796
6. **MIN GS INCPT:** 1900 **GS ALT AT PFAF:** PINET INT/I-GON 6.65 DME 1900 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 42.4
8. **MSA FROM:** GON VOR/DME 010-280 2100, 280-010 2600



EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CHART NOTE: CIRCLING RWY 15 NA AT NIGHT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAD VOR/DME ON V34 NORTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GON VOR/DME AIRWAY RADIALS 220 CW 257.
 CHART NOTE: **RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.
 FOR INOPERATIVE ALS, INCREASE S-LOC CAT C/D VISIBILITY TO 1 3/8.

ADDITIONAL FLIGHT DATA:

CHART SEY R-323 AT BABET
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW ORW VOR/DME, LT, 058.00 INBOUND
 CHART IN PLANVIEW: ORW VOR/DME
 HOLD NE, LT, 242.00 INBOUND.
 CHART FAS OBST: 231 SHIP IN CHANNEL 411749N/0720423W.
 CHART VDP AT 2.35 DME
 DISTANCE VDP TO THLD 1.42 NM.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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
S-ILS 05	208	2400	200	208	2400	200	208	2400	200	208	2400	200				
S-LOC 05	500	2400	492	500	2400	492	500	5000	492	500	5000	492				
CIRCLING	580	1	571	620	1	611	700	2	691	840	2 3/4	831				



CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED SEGMENT HAMPTON VORTAC TO MONDI INT - HAMPTON RADIALS UNUSABLE.
2. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 2000 VIA GON R-062 TO BABET INT/GON 5.74 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000" TO "CLIMBING RIGHT TURN TO 2100 VIA GON R-062 TO BABET INT/GON 5.74 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100" - NEW CONTROLLING OBSTACLE.
3. ALTERNATE MISSED APPROACH INSTRUCTION: REMOVED "OR AS DIRECTED BY ATC" - NO LONGER REQUIRED BY CRITERIA.
4. PROFILE LINE 6: CHANGED GS ALT AT PFAF FROM "GP INTCP 1900" TO "PINET INT/I-GON 6.65 DME 1900" - IAW 8260.19I, 8-6-7. F.
5. NOTES: REMOVED "PROCEDURE NA FOR ARRIVAL ON HTO VORTAC AIRWAY RADIALS 052 CW 096" - REMOVED HTO FEEDER.
6. NOTES: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GON VOR/DME AIRWAY RADIALS 220 CW 257 - TURN MORE THAN 120 DEGREES.
7. NOTES: ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAD VOR/DME ON V34 NORTHWEST BOUND - TURN MORE THAN 120 DEGREES.
8. ADDITIONAL FLIGHT DATA: CHANGED "ALT MA HOLD SW, LT, 058.00 INBOUND (DO NOT CHART)" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW ORW VOR/DME, LT, 058.00 INBOUND" - IAW 8260.19I, 8-6-6. H. (2).
9. ADDITIONAL FLIGHT DATA: CHANGED FAS OBSTACLE LAT/LONG FROM 411749N/0720243W TO 411749N/0720423W - PREVIOUSLY INCORRECT.
10. MINIMUMS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ILS AND LOC - IAW 8260.19I, 8-6-11. B. (1) MEMO.
11. PROFILE LINE 2: CHANGED MAX 6000 TO MAX 4500 - NO ESV REQUIRED PER FC/LOC SERVICE VOLUME SAT

9/20/2022 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/19/2022 1. PROFILE
LINE 2: CHANGED MAX 6000 TO MAX 4500

9/28/2022 THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/20/2022
1. CHANGED MISSED APPROACH CLEARANCE LIMIT TO "BABET INT/GON 5.74 DME"

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** ZBW, PVD APP CON, AMGR

FLIGHT CHECKED BY
JEREMY R VIRTS

Digitally signed by
CASIMIR L TABAKA
Sep 20, 2022

OFFICE
FPO
DATE
9/15/2022

DEVELOPED BY
APRIL SARMENTO

Digitally signed by
APRIL T SARMENTO

OFFICE
AJV-A432
DATE
05/09/2022

APPROVED BY
CASIMIR TABAKA

Sep 20, 2022 *Digitally signed by*
CASIMIR L TABAKA
Sep 20, 2022

OFFICE
AJV-A430
DATE
TITLE
MANAGER

