

**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> KGON	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-H	<u>CITY</u> GROTON (NEW LONDON)	<u>STATE</u> CT		
<u>AIRPORT ELEVATION</u> 9	<u>TDZE</u> 8	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-G	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 1980
<u>FACILITY</u> RNAV	<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

<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>
GON VOR/DME		MONDI		TF	FO	1.00	226.45	12.47	1900
MAD VOR/DME		FLIBB		TF	FB	1.00	127.00	13.27	2000
FLIBB	IAF	MONDI	NOPT	TF	FB	1.00	127.18	10.98	1900
MONDI	IF/IAF	PINET		TF	FB	1.00	047.85	6.58	1900
PINET	FAF	RW05	MAP	TF	FO	0.30	047.92	5.72	
RW05	MAP	292 MSL		CA			047.92		
292 MSL		BRRET		DF	FB	1.00			
BRRET		BABET		TF	FO	1.00	068.04	3.10	2100

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT BRRET AND ON TRACK 068.04 TO BABET AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW MONDI, RT, 047.85 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 047.92FAF: PINETDIST FAF TO MAP: 5.72DIST FAF TO THLD: 5.72

4. MIN ALT: MONDI 1900, PINET 1900

5. DIST TO THLD FROM OM:MM:IM:150 HAT:284 HAT: 0.77GS ANT:

6. MIN GP INCPT: 1900GP ALT AT PFAF : PINET 1900OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 42.4

8. MSA FROM: RW05 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 15 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15°C OR ABOVE 54°C.
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 290.
CHART NOTE: FOR INOPPERATIVE ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CATS VISIBILITY C/D TO 1 3/8.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 242.00 INBOUND.
CHART FAS OBST: 231 SHIP IN CHANNEL 411749N/0720423W.
CHART VDP AT 1.42 NM TO RW05.
WAAS CHANNEL # 45521
REFERENCE PATH ID: W05A
LTP HAE: -29.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 900-2 3/4, 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	292	2400	284	292	2400	284	292	2400	284	292	2400	284			
LNAV/VNAV DA	533	5500	525	533	5500	525	533	5500	525	533	5500	525			
LNAV MDA	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 - HAMPTON RADIALS UNUSABLE.
2. MISSED APPROACH: CHANGED FROM "CLIMB TO 2000 DIRECT BRRET AND ON TRACK 068 TO BABET AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000" TO "CLIMB TO 2100 DIRECT BRRET AND ON TRACK 068 TO BABET AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100" - NEW CONTROLLING OBSTACLE.
3. PROFILE LINE 5: ADDED DIST TO THLD FROM 284 HAT: 0.77 NM AND REMOVED SAME DATA FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-7. E.
4. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS EXIST/IAW 8260.19I, 8-6-7. G. (3).
5. NOTES: REMOVED "PROCEDURE NA FOR ARRIVAL ON HTO VORTAC AIRWAY RADIALS 052 CW 079" - REMOVED HTO FEEDER.
6. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GON VOR/DME ON V451 EASTBOUND - V451 EASTBOUND WITHIN 90 DEGREES
7. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GON VOR/DME AIRWAY RADIALS 220 CW 290" - TURNS GREATER THAN 90 DEGREES.
8. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MAD VOR/DME AIRWAY RADIALS 078 CW 155" - INCORRECT DESCRIPTION.
9. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAD VOR/DME ON V34 NORTHWEST BOUND" - TURNS GREATER THAN 90 DEGREES.
10. NOTES: CHANGED CHART FAS OBSTACLE FROM 231 SHIP IN CHANNEL 411748.94N/0720243.22W TO 231 SHIP IN CHANNEL 411748.94N/0720423.22W - LONGITUDE PREVIOUSLY ENTERED INCORRECTLY.
11. NOTES: CHANGED VDP NOTE FROM "CHART VDP AT 1.42 MILES TO RW05*" TO "CHART VDP AT 1.42 NM FROM RW05" AND REMOVED "*LNAV ONLY" - IAW 8260.19I 8-6-10. M.
12. NOTES: REMOVED AND RELOCATED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WESTERLY ALTIMETER SETTING" TO BACK OF 8260-9 AS A CONTINGENCY - IAW 8260.19I, 8-6-9. F. (3).
13. MINIMUMS: ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19I, 8-6-11. B. (1) MEMO.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JEREMY R VIRTS

OFFICE

FPO

Digitally signed by

DATECASIMIR L TABAKA

09/15/2022Aug 03, 2022

DEVELOPED BY

APRIL SARMENTO

Digitally signed by

APRIL T SARMENTO

Jun 21, 2022

OFFICE

AJV-A432

DATE

05/09/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Aug 03, 2022

OFFICE

AJV-A430

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGON
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	411930.1175N
LTP/FTP LONGITUDE	0720252.8975W
LTP/FTP ELLIPSOIDAL HEIGHT	-00291
FPAP LATITUDE	412044.0500N
FPAP LONGITUDE	0720146.7900W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B41508C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00016
FPAP ORTHOMETRIC HEIGHT	+00016

