

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</u> RUTLAND - SOUTHERN VERMONT RGNL	<u>AIRPORT ID</u> KRUT	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 19	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> RUTLAND	<u>STATE</u> VT
<u>AIRPORT ELEVATION</u> 787	<u>TDZE</u> 787	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 19	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 15W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 NOVEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

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>
JOGIM		GITKE		TF	FO	2.00	046.71	30.24	5700
BTV VOR/DME	IAF	GITKE	NOPT	TF	FB	1.00	179.64	36.57	5700
MPV VOR/DME	IAF	GITKE	NOPT	TF	FB	1.00	248.31	27.64	5700
GITKE	IF/IAF	LECEG		TF	FB	1.00	193.51	3.60	4800
LECEG		CEKRA		TF	FB	1.00	193.51	3.59	3900
CEKRA	FAF	RW19	MAP	TF	FO	0.30	193.52	9.04	
RW19	MAP	2700 MSL		CA			193.52		2700
2700 MSL		JOGIM		DF	FO	1.00			5700

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2700, THEN CLIMBING RIGHT TURN TO 5700 DIRECT JOGIM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD N GITKE, RT, 193.51 INBOUND, 5700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 193.52 FAF: CEKRA DIST FAF TO MAP: 9.04 DIST FAF TO THLD: 9.04

4. MIN ALT: GITKE 5700, LECEG 4800, CEKRA 3900

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 1436 HAT: 4.11 GS ANT:

6. MIN GP INCPT: 3900 GP ALT AT FAF : CEKRA 3900 OM: MM: IM:

7. GP ANGLE: 3.20 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.4

8. MSA FROM: RW19 5400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NE OF RWYS 19 AND 31.
CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS; LNAV CAT C.
CHART NOTE: BARO-VNAV NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JOGIM ON V487 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BTV VOR/DME AIRWAY RADIALS 135 CW 202.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MPV VOR/DME AIRWAY RADIALS 173 CW 237.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 5.03 NM TO RW19*
*LNAV ONLY
WAAS CHANNEL #65830
REFERENCE PATH ID: W19A
FAS OBST: 1859 AAO 434037N/0725746W.
3120 AAO 434139N/0725454W.
HOLD N, LT, 197.00 INBOUND
LTP HAE: 208 M

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B, C 1800-5

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	2270	5	1483	2270	5	1483	2270	5	1483		NA				
LNAV/VNAV DA	2223	5	1436	2223	5	1436	2223	5	1436		NA				
LNAV MDA	2560	3/4	1773	2560	1	1773	2560	3	1773		NA				
CIRCLING	2560	1 1/4	1773	2560	1 1/2	1773	2560	3	1773		NA				



CHANGES - REASONS

1. LOWERED JOGIM TO GITKE FEEDER ALTITUDE FROM 5800 FT TO 5700 FT - NEW CONTROLLING OBSTACLE IDENTIFIED.
2. DECREASED LECEG TO CEKRA DISTANCE FROM 3.60 NM TO 3.59 NM - FAF MOVED .1 NM TO MATCH ILS PROCEDURE TCH.
3. CHANGED THLD FROM HATH DISTANCE FROM "1466/4.15 NM" TO "1436/4.11 NM" - FAF MOVED .1 NM TO MATCH ILS PROCEDURE TCH.
4. ADDED MAX ALTITUDE FOR HOLD IN LIEU OF PT - CURRENT CRITERIA GUIDANCE.
5. INCREASED FAF TO MAP AND THLD DISTANCE FROM 9.03 NM TO 9.04 NM - FAF MOVED .1 NM TO MATCH ILS PROCEDURE TCH.
6. DECREASED TCH FROM 56.8 FT TO 54.4 FT - MATCH ILS PROCEDURE TCH.
7. DECREASED LPV ALL CATS DA/HAT FROM 2442/1655 TO 2270/1483 - NEW MISSED APPROACH OBSTACLE.
8. DECREASED LNAV/VNAV DA/HAT FROM 2253/1466 TO 2223/1436 - NEW MISSED APPROACH OBSTACLE.
9. INCREASED LNAV/VNAV ALL CATS VISIBILITY FROM 4 1/2 TO 5. IAW 8260.3C TABLE 3-3-1.
10. DECREASED LNAV CAT A VISIBILITY FROM 1 1/4 TO 3/4 AND CAT B VISIBILITY FROM 1 1/2 TO 1 - IAW 8260-3C TABLE 3-3-3 AND 3-3-4.
11. REMOVED "VDP NA WITH SPRINGFIELD ALTIMETER SETTING" CHART NOTE TO 8260-9 REMARKS - REMOVED BACKUP ALTIMETER FROM PROCEDURE.
12. REMOVED CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE SPRINGFIELD ALTIMETER SETTING: INCREASE ALL DA 477 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITIES 1 1/2 MILE; INCREASE ALL MDA 480 FEET" TO 8260-9 REMARKS AND UPDATED TO WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE SPRINGFIELD ALTIMETER SETTING: INCREASE ALL DA 477 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITIES 2 MILES; INCREASE ALL MDA 480 FEET" - REMOVED BACKUP ALTIMETER FROM PROCEDURE.
13. CHANGED CHART NOTE "INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS" TO "INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV ALL CATS; LNAV CAT C" - UPDATED IAW NEW INOPERATIVE TABLE
14. REMOVED CHART NOTE "WHEN USING SPRINGFIELD ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C" TO 8260-9 REMARKS - REMOVED BACKUP ALTIMETER FROM PROCEDURE.
15. CHANGED CHART NOTE FROM "WHEN VGSI INOP, CIRCLING RWY 13 PROCEDURE NA AT NIGHT" TO "CIRCLING RWY 13, 31 NA AT NIGHT" - 20:1 PENETRATIONS.
16. REMOVED HELICOPTER VISIBILITY REDUCTION 1 SM RESTRICTION FROM RWY 1 - NO 20:1 PENETRATIONS EXIST.
17. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - NO LONGER REQUIRED BY CRITERIA.
18. ADDED PBN REQUIREMENTS NOTE "RNP APCH" - IAW CURRENT 8260.19.
19. UPDATED FPAP LONGITUDE FROM 0725656.7930W TO 0725856.7995W - NEW CALCULATION.
20. CHANGED LENGTH OFFSET FROM 1224 TO 1136 - NEW CALCULATION.
21. REMOVED CHART NOTE "RWY 19 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - 34:1 OBSTACLE IS FRANGIBLE APPROACH LIGHT.
22. INCREASED VDP DISTANCE FROM 4.6 NM TO 5.03 NM - NEW TCH.
23. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON MPV VOR/DME AIRWAY RADIALS 173 CW 317" TO "PROCEDURE NA FOR ARRIVAL ON MPV VOR/DME AIRWAY RADIALS 173 CW 237" - AIRCRAFT OVERFLYING BTV ON V104-151 WILL USE BTV FEEDER.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, AIRPORT MANAGER

FLIGHT CHECKED BY

JORGE A MALCUN

Digitally signed by

ROBERT G HAMILTON

Sep 28, 2018

OFFICE

FICO

DATE

9/14/18

DEVELOPED BY

DUSTIN DAVIDSON

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Jun 09, 2018

OFFICE

AJV-5422

DATE

03/14/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

ROBERT G HAMILTON

Sep 28, 2018

OFFICE

AJV-5420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRUT
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	433219.0110N
LTP/FTP LONGITUDE	0725659.9555W
LTP/FTP ELLIPSOIDAL HEIGHT	+00208
FPAP LATITUDE	433049.9275N
FPAP LONGITUDE	0725656.7995W
THRESHOLD CROSSING HEIGHT (TCH)	00054.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.20
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	238E6BD6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02359
FPAP ORTHOMETRIC HEIGHT	+02359

