

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> S21	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SUNRIVER	<u>STATE</u> OR		
<u>AIRPORT ELEVATION</u> 4164	<u>TDZE</u> 4161	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 07/14/2022	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<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>
DRACK		TUPSE		TF	FO	1.00	069.12	3.35	7000
OCTAD		TUPSE		TF	FO	1.00	345.62	6.95	7000
URBIA		TUPSE		TF	FO	1.00	298.05	9.47	7000
DSD VORTAC	IAF	TUPSE	NOPT	TF	FB	1.00	182.07	8.21	7000
TUPSE	IF/IAF	HESKI		TF	FB	1.00	181.98	10.03	6000
HESKI	FAF	GAPEY/2.47 NM TO RW18		TF	FB	0.30	181.93	2.37	
GAPEY/2.47 NM TO RW18		RW18	MAP	TF	FO	0.30	181.93	2.47	
RW18	MAP	6000 MSL		CA			181.93		6000
6000 MSL		SSTRS		DF	FO	1.00			9400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6000 THEN CLIMBING RIGHT TURN TO 9400 DIRECT SSTRS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N TUPSE, LT, 181.98 INBOUND, 7000 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 181.93FAF: HESKIDIST FAF TO MAP: 4.83DIST FAF TO THLD: 4.83

4. MIN ALT: TUPSE 7000, HESKI 6000, GAPEY/2.47 NM TO RW18 5120

5. DIST TO THLD FROM OM:MM:IM:150 HAT:270 HAT: 0.61GS ANT:

6. MIN GP INCPT: 6000GP ALT AT PFAF : HESKI 6000OM:MM:IM:

7. GP ANGLE: 3.5034:1: IS NOT CLEAR20:1: IS CLEARTCH: 45.0

8. MSA FROM: RW18 11600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D W OF RWY 18-36.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 41°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DSD VORTAC AIRWAY RADIALS 247 CW 263 AND AIRWAY RADIAL 092.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 193.26 INBOUND.
CHART FAS OBST: 4499 TREE 435441N/1212712W.
CHART VDP AT 1.49 NM TO RW18.
WAAS CHANNEL # 77744
REFERENCE PATH ID: W18A
CHART CIRCLING ICON.
LTP HAE: 1246.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 1000-2, CAT C, D 1500-3, 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	4431	7/8	270	4431	7/8	270	4431	7/8	270	4431	7/8	270			
LNAV/VNAV DA	4760	1 3/4	599	4760	1 3/4	599	4760	1 3/4	599	4760	1 3/4	599		QUALITY 10 CHECKED	
LNAV MDA	4760	1	599	4760	1	599	4760	1 3/4	599	4760	1 3/4	599			
CIRCLING	4900	1	736	5140	1 1/2	976	5660	3	1496	5660	3	1496			

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	S21
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	435259.1650N
LTP/FTP LONGITUDE	1212701.3540W
LTP/FTP ELLIPSOIDAL HEIGHT	+12468
FPAP LATITUDE	435133.4690N
FPAP LONGITUDE	1212735.1140W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	641FBE3B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+12675
FPAP ORTHOMETRIC HEIGHT	+12675

