

**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> TRUCKEE-TAHOE	<u>AIRPORT ID</u> KTRK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> TRUCKEE	<u>STATE</u> CA
<u>AIRPORT ELEVATION</u> 5904	<u>TDZE</u> 5898	<u>SUPERSEDED</u> RNAV (GPS) RWY 20	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 03/26/2020	<u>MAG VAR</u> 14E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 APRIL 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

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>
FMG VORTAC		WUDPA		TF	FB	1.00	272.88	9.36	12000
SIGNA		ALVVA		TF	FB	1.00	031.40	26.54	12000
WUDPA	IAF	AWEGA		TF	FB	1.00	271.40	8.47	12000
ALVVA	IAF	AWEGA		TF	FB	1.00	091.16	9.90	12000
AWEGA	IF	OSTIE		TF	FB	1.00	181.29	6.48	10000
OSTIE		LUMMO		TF	FB	1.00	180.69	1.98	9500
LUMMO	FAF	ZILTO/7.28 NM TO WINUB		TF	FB	0.30	181.52	1.45	
ZILTO/7.28 NM TO WINUB		BOFFS/3.89 NM TO WINUB		TF	FB	0.30	181.52	3.39	
BOFFS/3.89 NM TO WINUB		YAKYU/2.55 NM TO WINUB		TF	FB	0.30	181.52	1.34	
YAKYU/2.55 NM TO WINUB		WINUB	MAP	TF	FO	0.30	181.52	2.55	
WINUB	MAP	6304 MSL		CA			181.52		
6304 MSL		GRIOT		DF	FB	1.00			
GRIOT		AWEGA		TF	FO	1.00	015.98	10.62	12000



MISSED APPROACH

MAP:

LP: WINUB
LNAV: WINUB

MISSED APPROACH INSTRUCTIONS:

(DO NOT EXCEED 200 KIAS UNTIL GRIOT) CLIMBING RIGHT TURN TO 12000 DIRECT GRIOT AND ON TRACK 015.98 TO AWEGA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.
**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 270 FEET PER NM TO 7700.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)	
2.	PROFILE STARTS AT AWEGA				
3. FAC:	181.52	FAF: LUMMO	DIST FAF TO MAP: 8.73	DIST FAF TO THLD: 9.55	
4. MIN ALT:	AWEGA 12000, OSTIE 10000, LUMMO 9500, ZILTO/7.28 NM TO WINUB 8960, BOFFS/3.89 NM TO WINUB 7700, YAKYU/2.55 NM TO WINUB 7200				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	GS ANT:	
6. MIN GP INCPT:	GP ALT AT FAF :			OM:	MM: IM:
7. GP ANGLE:	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH:		
8. MSA FROM:	WINUB 12000				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING TO RWY 2, 11, 29 NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT C S OF RWY 29 AND E OF RWY 2.
CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FMG VORTAC AIRWAY RADIALS 218 CW 332.
CHART SPEED ICON IN PLANVIEW AT WUDPA: MAX 250 KIAS.
CHART SPEED ICON IN PLANVIEW AT ALVVA: MAX 250 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
LUMMO TO RW20: 3.50/57.
FICTITIOUS THRESHOLD POINT (CFFDC) DO NOT CHART.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.51 DEGREES.
CHART VDP AT 0.70 NM TO WINUB
WAAS CHANNEL #87135
REFERENCE PATH ID: W20A
CHART FAS OBST: 6221 TREE 392043N/1200652W.
FAS OBST: 6869 AAO 392249N/1200705W.
8480 AAO 392817N/1200237W, 7400 AAO 392653N/1200324W, 6869 AAO 392249N/1200705W, 8644 AAO 392820N/1200222W, 7160 AAO 392711N/1200343W.
FAC CROSSES RWY C/L EXTENDED 5000 FT FROM THLD.
HOLD N, RT, 181.29 INBOUND
FTP HAE: 1771.9 M



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

ALTERNATE: NA ☐ CAT A 1300-2, CAT B 1400-2, CAT C 1800-3, 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
LP MDA**	6480	1	582	6480	1	582	6480	1 3/4	582		NA				
LP MDA	6780	1 1/4	882	6780	1 1/4	882	6780	2 1/2	882		NA				
LNAV MDA	7120	1 1/4	1222	7120	1 1/2	1222	7120	3	1222		NA				
CIRCLING	7120	1 1/4	1216	7220	1 1/2	1316	7700	3	1796		NA				

CHANGES - REASONS
1. FAS DATA FPAP LONGITUDE CHANGED FROM 120 09 10.9135W TO 120 08 10.9139W. - CORRECT FPAP LOCATION.

COORDINATED WITH:
A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZOA, AMGR, TRK ATCT

FLIGHT CHECKED BY	<i>Digitally signed by</i>	OFFICE	DATE	
THOMAS E MOLOKIE	JOHN BORDY	FICO	3/5/2020	
	Mar 10, 2020			
DEVELOPED BY	<i>Digitally signed by</i>	OFFICE	DATE	
AUSTIN GOTCHER	JOHN BORDY	AJV-A422	02/19/2020	
	Mar 10, 2020			
APPROVED BY	<i>Digitally signed by</i>	OFFICE	DATE	TITLE
MARLON ROBINSON	JOHN BORDY	AJV-A420		MANAGER
	Mar 10, 2020			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTRK
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	391926.3100N
LTP/FTP LONGITUDE	1200740.2700W
LTP/FTP ELLIPSOIDAL HEIGHT	+17719
FPAP LATITUDE	391800.3635N
FPAP LONGITUDE	1200810.9135W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	8529A309

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17956
FPAP ORTHOMETRIC HEIGHT	+17956

