

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> KIDA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 21	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> IDAHO FALLS	<u>STATE</u> ID		
<u>AIRPORT ELEVATION</u> 4744	<u>TDZE</u> 4735	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 12E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 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>
IDA VOR/DME		YAGUP		TF	FO	1.00	025.44	12.23	7600
DBS VORTAC	IAF	YAGUP	NOPT	TF	FB	1.00	138.63	28.07	7600
SABAT	IAF	YAGUP	NOPT	TF	FB	1.00	194.23	22.45	7600
LUDIC	IAF	ZEKOL	NOPT	TF	FB	1.00	285.49	9.92	8200
ZEKOL		YAGUP		TF	FB	1.00	285.34	6.00	7600
YAGUP	IF/IAF	WOTES		TF	FB	1.00	206.14	6.07	6700
WOTES	FAF	HUROD/1.70 NM TO RW21		TF	FB	0.30	206.08	4.33	
HUROD/1.70 NM TO RW21		RW21	MAP	TF	FO	0.30	206.08	1.70	
RW21	MAP	4985 MSL		CA			206.08		
4985 MSL		UGADE		DF	FB	1.00			
UGADE		ROCCA		TF	FO	1.00	250.08	13.28	7500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW21

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7500 DIRECT UGADE AND ON TRACK 250.08 TO ROCCA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NE YAGUP, RT, 206.14 INBOUND, 7600 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAF: 206.08FAF: WOTESDIST FAF TO MAP: 6.03DIST FAF TO THLD: 6.03

4. MIN ALT: YAGUP 7600, WOTES 6700, HUOD/1.70 NM TO RW21 5320

5. DIST TO THLD FROM FAF: 6.03MM:IM:150 HAT:250 HAT: 0.64GS ANT:

6. MIN GP INCPT: 6700GP ALT AT PFAF : WOTES 6700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 49.1

8. MSA FROM: RW21 9100

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING TO RWY 35 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27°C OR ABOVE 54°C.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL TO RVR 4500, AND LNAV VISIBILITY CATS C AND D TO RVR 5500.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBS VORTAC AIRWAY RADIALS 098 CW 180.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 078.61 INBOUND.
CHART FAS OBST: 4849 TREE (16-056866) 433240N/1120236W.
CHART 4989 TOWER 433539N/1115825W.
CHART VDP AT 1.00 NM TO RW21.
WAAS CHANNEL # 40111
REFERENCE PATH ID: W21A
CHART CIRCLING ICON.
LTP HAE: 1430.4 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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	4985	2400	250	4985	2400	250	4985	2400	250	4985	2400	250			
LNAV/VNAV DA	5016	2400	281	5016	2400	281	5016	2400	281	5016	2400	281		QUALITY 10 CHECKED	
LNAV MDA	5100	2400	365	5100	2400	365	5100	3500	365	5100	3500	365			
CIRCLING	5200	1	456	5300	1	556	5400	1 3/4	656	5420	2 1/4	676			

CHANGES - REASONS

1. UPDATED CA ALTITUDE IN TERMINAL ROUTES FROM “4935 MSL” TO “4985 MSL” - LPV DA RAISED 50 FEET FOR SURVEYED OBSTACLE, IAW 8260.58B 3-5-2.B.
2. REMOVED “*” FROM “HUROD/1.70 NM TO RW12 5320*” IN PROFILE LINE 4 - NO LONGER REQUIRED IAW 8260.19I 8-6-7.D.
3. ADDED “DIST TO THLD FROM FAF: 6.03” TO PROFILE LINE 5 - IAW 8260.19I 8-6-7.E.
4. UPDATED PROFILE LINE 5 FROM “DIST TO THLD FROM 200 HAT: 0.49” TO “DIST TO THLD FROM 250 HAT: 0.64” - LPV HAT RAISED 50 FEET FOR SURVEYED OBSTACLE, DIST UPDATED IAW TARGETS EVALUATION.
5. UPDATED EQUIPMENT REQUIREMENTS NOTE FROM “RNP APCH” TO “RNP APCH - GPS” - IAW 8260.19I 8-6-8.B.(2).
6. ADDED “CHART NOTE: CIRCLING TO RWY 35 NA AT NIGHT” - OBSTACLE EVALUATION IDENTIFIED NEW UNLIT 20:1 PENETRATIONS TO RWY 35, IAW 8260.19I 8-6-11.O.(2).
7. DELETED “CHART NOTE: ** RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA” AND “*” FROM LPV DA IN MINIMUMS SECTION - RVR REDUCTION TO 1800 N/A, IAW 8260.19I 8-6-11.K(1).
8. UPDATED ALS INOP NOTE FROM “CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500, LNAV VISIBILITY CATS C/D TO RVR 5500” TO “CHART NOTE: CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV VISIBILITY ALL TO RVR 4500, AND LNAV VISIBILITY CATS C AND D TO RVR 5500” - NOTE FORMAT UPDATED IAW 8260.19I 8-6-11.O.(3)(D-E).
9. UPDATED VNAV NOTE FROM “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27°C OR ABOVE 49°C” TO “CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27°C OR ABOVE 54°C” - CHANGED CRITICAL HIGH IAW 8260.19I 8-6-9.R.
10. REMOVED “*LNAV ONLY” NOTE IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
11. CHANGED VDP NOTE FROM “CHART VDP AT 0.88 NM TO RW21*” TO “CHART VDP AT 1.00 NM TO RW21” IN ADDITIONAL FLIGHT DATA - UPDATED VDP BASED ON TARGETS EVALUATION, “*” NO LONGER REQUIRED.
12. UPDATED CHART FAS OBSTACLE IN ADDITIONAL FLIGHT DATA FROM “CHART FAS OBST: 4806 BUILDING 433103N/1120335W” TO “4849 TREE (16-056866) 433240N/1120236W” - NEW FINAL STEPDOWN CONTROLLING OBSTACLE, NOTE FORMAT IAW 8260.19I 8-6-10.C.
13. ADDED “NA WHEN LOCAL WEATHER NOT AVAILABLE” TO ALTERNATE MINIMUMS - IAW 9260.19I ATTACHMENT 4 ITEM 5.B.
14. UPDATED LPV DA/HAT FROM “4935/200” TO “4985/250” - NEW CONTROLLING OBSTACLE.
15. UPDATED LNAV MDA/HAT FROM “5060/325” TO “5100/365” NEW CONTROLLING OBSTACLE.
16. UPDATED LNAV CATS C AND D VIS FROM “4000” TO “3500” - 8260.3E TABLE 3-3-1.
17. LTP/FTP LOCATION MOVED IN FAS DATA FROM “433119.0805N/1120351.5580W” TO “433119.0825N/1120351.5565W” - UPDATED AIRPORT SURVEY DATA IMPLEMENTED ON 3/25/2021.
18. FPAP LOCATION MOVED IN FAS DATA FROM “433009.0530N/1120506.7670W” TO “433008.8740N/1120506.9645W” - LTP/FTP MOVED WITH NEW SURVEY DATA, FPAP ADJUSTED ACCORDINGLY PER TARGETS EVALUATION.
19. UPDATED LENGTH OFFSET IN FAS DATA FROM “0000” TO “0008” - IAW TARGETS EVALUATION AND NEW SURVEY DATA.
20. VERTICAL ALERT LIMIT UPDATED IN FAS DATA FROM “35.0” TO “50” - IAW 8260.19I APPENDIX K 4.X.
21. CRC REMAINDER CHANGED IN FAS DATA FROM “DB5D959A” TO “941C2685” - LTP/FTP AND FPAP ADJUSTED FOR NEW SURVEY DATA.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLC, IDA ATCT, AMGR, IDA FSS

FLIGHT CHECKED BY

GARY J VEER

Digitally signed by

JASON KRETSCHMER

Jan 20, 2022

OFFICE

FPO

DATE

12/21/2021

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by

JASON KRETSCHMER

OFFICE

AJV-A421

DATE

08/31/2021

APPROVED BY

MARLON ROBINSON

Nov 09, 2021

Digitally signed by

JASON KRETSCHMER

Nov 09, 2021

OFFICE

AJV-A420

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIDA
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	433119.0825N
LTP/FTP LONGITUDE	1120351.5565W
LTP/FTP ELLIPSOIDAL HEIGHT	+14304
FPAP LATITUDE	433008.8740N
FPAP LONGITUDE	1120506.9645W
THRESHOLD CROSSING HEIGHT (TCH)	00049.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	941C2685

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+14421
FPAP ORTHOMETRIC HEIGHT	+14421

QUALITY
10
CHECKED