

**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SUPERSEDED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>	<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

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KIDA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 21	<u>AMDT NO.</u> 2A	<u>CITY</u> IDAHO FALLS	<u>STATE</u> ID	<u>AIRPORT ELEVATION</u> 4744	<u>FACILITY</u> RNAV
---------------------------	--	-----------------------	----------------------------	--------------------	----------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
IDA VOR/DME

TO
YAGUP

<u>RNP</u>	<u>DISTANCE</u> 12.23	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (16-000747)	434001.60N/1115217.20W		5209	500	50	5D	2000				AT391	7600
TERRAIN	433339.00N/1115418.00W		4899 (4900)								AS1500	6400

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM
DBS VORTAC

TO
YAGUP

<u>RNP</u>	<u>DISTANCE</u> 28.07	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	434720.40N/1115808.90W		5819	1000	3	6A	1000				AT781	7600
TERRAIN	434720.40N/1115808.90W		5619 (5600)								AS1500	7100

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL

FROM

SABAT

TO

YAGUP

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	22.45											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	440421.00N/1114342.00W		5588	164	98	4E	1000				AT1012	7600
TERRAIN	440245.00N/1114454.00W		5204 (5200)								AS1500	6700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

LUDIC

TO

ZEKOL

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	9.92											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	433148.00N/1113530.00W		6778	164	98	4E	1000				PR140 AT282	8200
TERRAIN	433148.00N/1113530.00W		6578 (6600)								AS1500	8100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

ZEKOL

TO

YAGUP

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	433603.00N/1114609.00W		5239	164	98	4E	1000				AT1361	7600
TERRAIN	433603.00N/1114609.00W		5039 (5000)								AS1500	6500

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INTERMEDIATE

FROM

YAGUP (IF/IAF)

TO

WOTES

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.07											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (16-000747)	434001.60N/1115217.20W		5209	500	50	5D	500				AT991	6700
TERRAIN	433943.97N/1115217.20W		4894 (4900)								AS1500	6400

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



FINAL: LPV

FROM
WOTES

TO
RW21

<u>RNP</u>	<u>DISTANCE</u> 6.03	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TERRAIN (16-056974)	433122.67N/1120353.29W		4732	20	3	1A		34:1				4985

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
WOTES

TO
RW21

<u>RNP</u>	<u>DISTANCE</u> 6.03	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 281			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC			MA29 XP2	5016

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

OCS SLOPE: 23.73:1. XP - MAINTAIN CURRENT MINIMUMS



FINAL: LNAV

FROM
WOTES

TO
HUROD/1.70 NM TO RW21

<u>RNP</u>	<u>DISTANCE</u> 4.33	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (16-056153)	433248.32N/1120126.11W		4855	20	3	1A	250				XL2 RA69 DG144	5320

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM
HUROD/1.70 NM TO RW21

TO
RW21

<u>RNP</u>	<u>DISTANCE</u> 1.70	<u>PAT</u>	<u>MAP</u> RW21	<u>HAT</u> 365			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (16-056866)	433240.23N/1120236.34W		4849	20	3	1A	250					5100

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

YAGUP

TO

P-9

RNP	DISTANCE	PAT P-9	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	434720.40N/1115808.90W		5819	1000	3	6A	1000				AT781	7600
TERRAIN	434720.40N/1115808.90W		5619 (5600)								AS1500	7100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM

DA

TO

ROCCA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 4796					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				7500
AAO	432558.62N/1122804.01W		5349	50	20	2C	1000					6400
TERRAIN	432558.62N/1122804.01W		5149 (5100)								AS1500	6600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
ROCCA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 4855					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ELEVATOR (16-000288)	433037.20N/1120321.47W		4891	20	3	1A		ASC				7500
AAO	432558.62N/1122804.01W		5349	50	20	2C	1000					6400
TERRAIN	432558.62N/1122804.01W		5149 (5100)								AS1500	6600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW21

TO
ROCCA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 5000					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				7500
AAO	432558.62N/1122804.01W		5349	50	20	2C	1000					6400
TERRAIN	432558.62N/1122804.01W		5149 (5100)								AS1500	6600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
--------------	-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
ANTENNA (16-056553)	432927.31N/1120258.03W	1.39	456	4897	20	3	1A	300			5200
CATEGORY B											
TOWER (16-037102)	433310.47N/1120312.34W	1.98	556	4941	250	50	4D	300		AC50	5300
CATEGORY C											
ANTENNA (16-056541)	433049.89N/1120046.50W	3.14	656	5044	20	10	1B	300		XP56	5400
CATEGORY D											
TOWER (16-000342)	433044.76N/1115831.44W	4.12	676	5062	250	50	4D	300		AC50	5420

CIRCLING REMARKS:

XP - MAINTAIN CURRENT MINIMUMS

MSA

CENTER
RW21

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	AAO	433921.00N/1112657.00W	061	28.0	8028	1000	3	6A	1000			9100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
IDA APP CON, ZLC ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KIDA	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KIDA	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KRXE	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KRXE	<u>DISTANCE</u> 22.42	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 69

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KIDA 4744, KRXE 4862
RA = 68.2.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL, PAPI-2L		BSC-G	
RW35 - MIRL, PAPI-4L		BSC-G	
RW3 - HIRL (PCL), REIL (PCL), PAPI-4L (PCL)		PIR-G	ROLL OUT
RW21 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 4731.3	<u>TCH</u> 49.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 49.5
---------------------------------	-------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -27C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -27C	<u>APT ISA</u> +5.61C
-----------------------------	------------------------------	--------------------	--------------------------

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2013 - 2017).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 1021 HIGH TEMP 1347.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RW35	
20:1		
4759 TREE (16-056432) 433036.00N/1120346.99W (10.24)		4775 POLE (16-056959) 433032.74N/1120347.98W (9.63)
4759 TREE (16-056169) 433034.95N/1120346.96W (4.93)		4784 TREE (16-056234) 433029.62N/1120345.52W (3.14)
4787 TREE (16-057091) 433029.00N/1120348.85W (2.6)		4851 TOWER (16-020612) 433016.19N/1120349.33W (1.72)
4782 TREE (16-057081) 433029.75N/1120346.83W (1.64)		4744 VEHICLES ON ROAD (16-056757) 433037.03N/1120341.58W (1.12)
4747 VEHICLES ON ROAD (16-056503) 433036.54N/1120346.34W (1.06)		4771 TREE (16-057127) 433031.69N/1120345.59W (0.61)

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TREES ASSUMED TO BE 45 FEET PER FPT.

TAA NOT DEVELOPED PER FPT.

FOR CONTINGENCY PURPOSES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REXBURG-MADISON ALTIMETER SETTING AND INCREASE LPV DA TO 5054 FEET; INCREASE LNAV/NAV DA TO 5085 FEET AND ALL VISIBILITIES TO RVR 3000; INCREASE ALL MDAS 80 FEET AND LNAV VISIBILITY CAT C/D TO RVR 4500 AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING REXBURG-MADISON ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING REXBURG-MADISON ALTIMETER SETTING, INCREASE LPV ALL VISIBILITIES TO RVR 4500, AND LNAV/VNAV ALL VISIBILITIES TO RVR 5500.

ORDER 8260.3 CHAPTER 2 APPLIED TO 4989 TOWER 433539.09N/1115824.70W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID</div> <div>KIDA</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) Y RWY 21</div>	<div>AMDT NO.</div> <div>2A</div>	<div>CITY</div> <div>IDAHO FALLS</div>	<div>STATE</div> <div>ID</div>	<div>AIRPORT ELEVATION</div> <div>4744</div>	<div>FACILITY</div> <div>RNAV</div>
---------------------------------------	--	-----------------------------------	--	--------------------------------	--	-------------------------------------

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.83
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	218.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4800
DISTANCE FROM	THLD	TO 1500FT POINT	5.63
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	218.08
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	4800

THRESHOLD COORDINATES (IF STR-IN)

433119.08N/1120351.56W

ARP COORDINATES

433049.22N/1120414.95W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 3 DISTANCE 0.92 NM

FAF COORDINATES

433603.87N/1115845.04W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY

10

CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 11 of 12

PART E: PREPARED BY

<u>NAME</u> JASON KRETSCHMER (COLIN CAMPBELL)	<u>OFFICE</u> AJV-A421	<u>DATE</u> 08/31/2021	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
--	---------------------------	---------------------------	---

