

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> IDAHO FALLS RGNL	<u>AIRPORT ID</u> KIDA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 3	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> IDAHO FALLS	<u>STATE</u> ID
<u>AIRPORT ELEVATION</u> 4744	<u>TDZE</u> 4744	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 2	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

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		VIPUC		TF	FO	2.00	206.58	12.75	7000
ROCCA	IAF	VIPUC	NOPT	TF	FB	1.00	095.03	9.89	7000
VIPUC	IF/IAF	UGADE		TF	FB	1.00	025.90	6.04	6500
UGADE	FAF	JIDEM/1.50 NM TO RW03		TF	FB	0.30	025.96	3.86	
JIDEM/1.50 NM TO RW03		RW03	MAP	TF	FO	0.30	025.96	1.50	
RW03	MAP	5200 MSL		CA			025.96		5200
5200 MSL		TERRE		DF	FO	1.00			7500

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5200 THEN CLIMBING LEFT TURN TO 7500 DIRECT TERRE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW VIPUC, RT, 025.90 INBOUND, 7000 FT. IN LIEU OF PT (IAF), MAX 14000.

3. FAC: 025.96FAF: UGADEDIST FAF TO MAP: 5.36DIST FAF TO THLD: 5.36

4. MIN ALT: VIPUC 7000, UGADE 6500, JIDEM/1.50 NM TO RW03 5260*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.53GS ANT:

6. MIN GP INCPT: 6500GP ALT AT FAF : UGADE 6500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM: RW03 9000

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27C (-16F) OR ABOVE 49C (121F).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IDA VOR/DME AIRWAY RADIALS 199 CW 207.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROCCA ON V257 SOUTH BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #97501
REFERENCE PATH ID: W03A
CHART FAS OBST: 4799 TREE 433038N/1120523W.
HOLD N, RT, 179.98 INBOUND
LTP HAE: 1433.5 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	4944	3/4	200	4944	3/4	200	4944	3/4	200	4944	3/4	200			
LNAV/VNAV DA	4994	3/4	250	4994	3/4	250	4994	3/4	250	4994	3/4	250			
LNAV MDA	5060	1	316	5060	1	316	5060	1	316	5060	1	316			
CIRCLING	5200	1	456	5300	1	556	5400	1 3/4	656	5420	2 1/4	676			



CHANGES - REASONS

- 1. AMENDED PROCEDURE NAME FROM RNAV (GPS) RWY 2 TO RNAV (GPS) RWY 3 - MAGVAR UPDATE.
- 2. UPDATED CIRCLING CONTROLLING OBSTS FOR ALL CATS - NEW CIRCLING CRITERIA APPLIED.
- 3. AMENDED LNAV/VNAV DA/HAT ALL CATS FROM 5138/394 TO 4994/250 - NEW CONTROLLING OBST WITH NEW CRITERIA APPLIED.
- 4. AMENDED LNAV/VNAV VIS ALL CATS FROM 1 3/8 SM TO 3/4 SM - LOWER DA/HAT CHANGED VIS.
- 5. AMENDED LNAV MDA/HAT FROM 5100/356 TO 5060/316 - NEW CONTROLLING OBST WITH NEW CRITERIA APPLIED.
- 6. AMENDED CAT B CMDA/HAA FROM 5220/476 TO 5300/556, CAT C CMDA FROM 5260/876 TO 5400/656, CAT D CMDA FROM 5400/656 TO 5420/676 - NEW CONTROLLING OBST WITH NEW CIRCLING CRITERIA APPLIED.
- 7. AMENDED CAT C CIRCLING VISIBILITY FROM 1 1/2 TO 1 3/4, CAT D CIRCLING VISIBILITY FROM 2 TO 2 1/4 - NEW CONTROLLING OBST WITH NEW CIRCLING CRITERIA APPLIED.
- 8. ADDED NOTE: CHART CIRCLING ICON.
- 9. CHANGED MISSED APPROACH FROM "CLIMB TO 7500 DIRECT TOCYU AND LEFT TURN ON TRACK 284 TO TERRE AND HOLD" TO "CLIMB TO 5200 THEN CLIMBING LEFT TURN TO 7500 DIRECT TERRE AND HOLD" - UPDATED MISSED APPROACH TO CURRENT CRITERIA.
- 10. DELETED NOTE: RWY 35: 20:1 PENETRATIONS 4851 ANTENNA (KIDA031) 433016.19N-1120349.33W - PENETRATION LIGHTED.
- 11. DELETED CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT - 20:1 PENETRATOR LIGHTED.
- 12. UPDATED UNCOMPENSATED BARO-VNAV TEMPERATURES - NEW HISTORICAL TEMPERATURE DATA AVAILABLE.
- 13. DELETED VDP AND ALL ASSOCIATED NOTES - UPDATED TO NEW CRITERIA.
- 14. UPDATED PROCEDURE NA NOTE FROM IDA VOR/DME FROM "PROCEDURE NA FOR ARRIVALS AT IDA VOR/DME ON V21 NORTHBOUND" TO "PROCEDURE NA FOR ARRIVALS ON IDA VOR/DME AIRWAY RADIALS 199 CW 207" - UPDATED TO CURRENT CRITERIA.
- 15. ADDED PROCEDURE NA NOTE "PROCEDURE NA FOR ARRIVALS AT ROCCA ON V257 SOUTHBOUND" - UPDATED TO CURRENT CRITERIA.
- 16. DELETED NOTE "DME/DME RNP-0.3 NA" - UPDATED TO CURRENT CRITERIA.
- 17. ADDED PBN EQUIPMENT REQUIREMENT NOTE: RNP APCH - UPDATED TO CURRENT CRITERIA.

PDF EDITS:
8260-3 PAGE 1 OF 5 - ADDED "5200" TO TERMINAL ROUTES FROM RW03 TO 5200 MSL ALTITUDE LINE.
8260-9 PAGE 1 OF 10 - CHANGED INITIAL SEGMENT ROCCA VERTICAL ACCURACY FROM 125 TO 98 (4E).
8260-9 PAGE 7 OF 10 - CHANGED WX SERVICE AND BACK-UP WX SERVICE, SERVICE-A FROM N TO Y.



<u>AIRPORT</u> IDAHO FALLS RGNL	<u>AIRPORT ID</u> KIDA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 3	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> IDAHO FALLS	<u>STATE</u> ID
------------------------------------	---------------------------	---	--------------------------------	----------------------------	--------------------

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ **OTHER:** ZLC, IDA ATCT, ATA

<u>FLIGHT CHECKED BY</u>	<u>OFFICE</u>	<u>DATE</u>	
	FIOG		
<u>DEVELOPED BY</u>	<u>OFFICE</u>	<u>DATE</u>	
LONNIE EVERHART (CHARLES CTR THIBODEAUX)	AJV-5400	04/18/2018	
<u>APPROVED BY</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	AJV-5400		MANAGER





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

<u>AIRPORT</u> IDAHO FALLS RGNL	<u>AIRPORT ID</u> KIDA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 3	<u>AMDT NO.</u> 2	<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 VIPUC

RNP DISTANCE PAT MAP HAT HMAS
12.75

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.AAO	432228.90N/1121645.18W	4969	50	20	2C	2000					7000
2.TERRAIN	432228.90N/1121645.18W	4769 (4800)								AS1500	6300

COMPUTATIONS

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

SEGMENT
REMARKS:

INITIAL

FROM ROCCA TO VIPUC

RNP DISTANCE PAT MAP HAT HMAS
9.89

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.AAO	432557.00N/1122806.00W	5289	250	98	4E	1000				AT711	7000
4.TERRAIN	432751.00N/1122606.00W	5083 (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 : LPV

FROM

DA

TO

TERRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
4777												
<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
11.AAO	433706.00N/1121224.00W		5433	50	20	2C	1000					6500
12.TERRAIN	433706.00N/1121224.00W		5233 (5200)								AS1500	6700

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

TERRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
4975												
<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
11.AAO	433706.00N/1121224.00W		5433	50	20	2C	1000					6500
12.TERRAIN	433706.00N/1121224.00W		5233 (5200)								AS1500	6700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:



MISSED APPROACH : LNAV

FROM

RW03

TO

TERRE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
							4960				
<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
11.AAO	433706.00N/1121224.00W	5433	50	20	2C	1000					6500
12.TERRAIN	433706.00N/1121224.00W	5233 (5200)								AS1500	6700

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											
13.TOWER (16-020050)	433032.06N/1120644.06W	1.39	456	4892	20	3	1A	300			5200
CATEGORY B											
14.TOWER (16-037102)	433310.47N/1120312.34W	1.98	556	4941	250	50	4D	300		AC50	5300
CATEGORY C											
15.TOWER (16-000460)	433100.20N/1120039.45W	3.14	656	5040	50	50	2D	300		AC50	5400
CATEGORY D											
16.TOWER (16-000342)	433044.00N/1115830.00W	4.12	676	5066	500	50	5D	300		AC50	5420

CIRCLING REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
IDAHO FALLS RGNL	KIDA	RNAV (GPS) Y RWY 3	2	IDAHO FALLS	ID	4744	RNAV

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD

ON CENTERLINE

X

X

FT FROM THRESHOLD

FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

-27C

CRITICAL HIGH

+49C

ACT

-27C

APT ISA

+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 1020 HIGH TEMP 1191.

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type

CIRCLING

20:1

RWY 35: 4851 TOWER (16-020612) 433016.19N/1120349.33W (1.83) - OBSTACLE IS LIGHTED AND MITIGATED

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
CHART NOTE: BARO-VNAV NA WHEN USING REXBURG-MADISON COUNTY ALTIMETER SETTING.CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECIEVED, USE REXBURG-MADISON COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 5012 AND VISIBILITY TO 7/8, LNAV/VNAV DA TO 5062 AND VISIBILITY TO 1 ALL CATS. INCREASE MDA 80 FEET AND INCREASE LNAV AND CIRCLING CATS C/D VISIBILITY 1/4.
SEE ATTACHED AIRSPACE LETTER.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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	2.85
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	037.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	4712
DISTANCE FROM	THLD	TO 1500FT POINT	4.76
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.57
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	037.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	4712

THRESHOLD
COORDINATES
(IF STR-IN)433009.06N/1120506.77W

ARP COORDINATES433049.40N/1120414.70W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 3 DISTANCE 0.92 NM

FAF
COORDINATES432555.37N/1120938.74W

FIX NAME
COORDINATES

REMARKS



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
IDAHO FALLS RGNL	KIDA	RNAV (GPS) Y RWY 3	2	IDAHO FALLS	ID	4744	RNAV

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART (CHARLES CTR THIBODEAUX)	AJV-5400	04/18/2018	ASIP

