

**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> AINSWORTH RGNL	<u>AIRPORT ID</u> KANW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> AINSWORTH	<u>STATE</u> NE
<u>AIRPORT ELEVATION</u> 2589	<u>TDZE</u> 2589	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 05/06/2010	<u>MAG VAR</u> 6E
<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> 2010

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 263/30 CW 083/30	NOPT	FUGLE	IF/IAF	5100
2. 083/30 CW 173/30		ECOFI	IAF	5100
3. 173/30 CW 263/30		DUWAT	IAF	5100

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ECOFI	IAF	FUGLE	NOPT	TF	FB	1.00	083.19	9.00	5100
DUWAT	IAF	FUGLE	NOPT	TF	FB	1.00	263.46	9.00	5100
FUGLE	IF/IAF	COLSI		TF	FB	1.00	353.33	9.00	4200
COLSI	FAF	SHERD/1.90 NM TO RW35		TF	FB	0.30	353.32	3.01	
SHERD/1.90 NM TO RW35		RW35	MAP	TF	FO	0.30	353.32	1.90	
RW35	MAP	2789 MSL		CA			353.32		
2789 MSL		EVANE		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5000 DIRECT EVANE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
24  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD S FUGLE, RT, 353.33 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 353.33

FAF: COLSI

DIST FAF TO MAP: 4.92

DIST FAF TO THLD: 4.92

4. MIN ALT: FUGLE 5100, COLSI 4200, SHERD/1.90 NM TO RW35 3240\*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

200 HAT: 0.49

GS ANT:

6. MIN GP INCPT: 4200

GP ALT AT FAF : COLSI 4200

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 45.1

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CATS C AND D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.02 NM TO RW35\*  
\*LNAV ONLY  
WAAS CHANNEL #81917  
REFERENCE PATH ID: W35A  
CHART FAS OBST: 2649 TRANSMISSION\_LINE 423258N/1000029W.  
HOLD N, RT, 173.32 INBOUND  
LTP HAE: 766.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	2789	1/2	200	2789	1/2	200	2789	1/2	200	2789	1/2	200			
LNAV/VNAV DA	2839	1/2	250	2839	1/2	250	2839	1/2	250	2839	1/2	250			
LNAV MDA	2960	1/2	371	2960	1/2	371	2960	5/8	371	2960	5/8	371			
CIRCLING	3000	1	411	3040	1	451	3040	1 1/2	451	3200	2	611			



CHANGES - REASONS

1. LNAV HAT/MDA LOWERED FROM 571/3160 FEET TO 371/2960 FEET ALL CATS. - NEW STEPDOWN FIX (SHERD) ADDED AND NEW EVALUATION COMPLETED.
2. DELETED FEEDER ROUTE FROM ANW VOR. - TAA DEVELOPED PER FPT REQUEST.
3. CHANGED CHART NOTE: "DME/DME RNP-0.3 NA" TO "RNP APCH" - IAW 8260.19 PBN REQUIREMENT NOTES.
4. ADDED CIRCLING ICON. - APPLIED NEW CIRCLING CRITERIA IAW ORDER 8260.3, CHAPTER 2.
5. UPDATED - CHART NOTE: FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F)" TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C OR ABOVE 54C" - NEW EVALUATION AND FAHRENHEIT NO LONGER REQUIRED.
6. LNAV/VNAV CAT D VISIBILITY LOWERED FROM 3/4 SM TO 1/2 SM. - NEW VISIBILITY CHECK COMPLETED.
7. LNAV/VNAV HAT/DA LOWERED FROM 320/2909 TO 250/2839 - NEW EVALUATION COMPLETED.
8. LNAV VISIBILITY LOWERED: CAT C FROM 1 SM TO 5/8 SM; CAT D FROM 1 1/4 SM TO 5/8 SM. - NEW VISIBILITY CHECK COMPLETED.
9. CIRCLING HAA/MDA CHANGED: CAT A FROM 571/3160 FEET TO 411/3000 FEET; CAT B FROM 571/3160 FEET TO 451/3040 FEET; CAT C FROM 571/3160 FEET TO 451/3040 FEET; CAT D FROM 571/3160 FEET TO 611/3200 FEET. - NEW CIRCLING CRITERIA APPLIED AND EVALUATION COMPLETED.
10. CHANGED FAF TO MAP/THLD DISTANCE FROM 4.85 TO 4.92. - ALIGNED VDA TO VGSI.
11. CREATED NEW IF/IAF FIX FUGLE. - OLD IF/IAF FIX PUKFA IS ON THE ENROUTE STRUCTURE AND UNABLE TO BE MOVED.
12. IAF FIX ECOFI CHANGED INITIAL COURSE/LENGTH FROM 083.25/5.00NM TO 083.19/9.00NM. MOVED FOR INITIAL COURSE ALIGNMENT AND TO MEET MINIMUM LEG LENGTH CRITERIA.
13. CREATED NEW IAF FIX DUWAT. - CREATED TO ALLOW FOR DEVELOPMENT OF TAA RIGHT BASE SEGMENT FOR RWY 35.
14. IF/IAF ALTITUDE CHANGED FROM 5000 FT TO 5100 FT. - NEW EVALUATION.
15. DELETED FEEDER ROUTE MARSS TO ECOFI. - TAA DEVELOPED PER FPT REQUEST.
16. MSA REPLACED WITH TAA ARRIVAL. - FPT REQUEST.
17. CRC REMAINDER CHANGED FROM 9831B5A6 TO FD284BCF - FPAP AND LTP LOCATIONS UPDATED.
18. ADDED NEW STEPDOWN FIX SHERD. - ALLOWS FOR LOWEST POSSIBLE MINIMUMS FOR LNAV FINAL.
19. LINE 7: ADDED "20:1 IS CLEAR" - NO 20:1 PENETRATIONS NOTED IN STRAIGHT-IN VISUAL AREA.
20. VDP DISTANCE CHANGED FROM 1.65 NM TO 1.02 NM. - NEW EVALUATION.
21. UPDATED FAS OBSTACLE FROM 2139 TREE 4233S3N/09T5911W TO 2649 TRANSMISSION\_LINE 423258N/1000029W.. - NEW EVALUATION
22. REMOVED BACKUP ALTIMETER AND ASSOCIATED NOTES. - MOVED TO -9 AS A CONTINGENCY.
23. REMOVED 2939 AAO 422922N/1800014W FROM ADDITIONAL FLIGHT DATA. - NEW EVALUATION; 7:1 OBSTACLE NO LONGER NEEDED.
24. UPDATED CHART NOTE: "FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE." TO "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 SM AND LNAV CATS C AND D VISIBILITY TO 1 SM." - UPDATED CRITERIA AND NEW VIS CHECK.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDV, ARPT MGR

FLIGHT CHECKED BY

GBRIEL J PARKISON

Digitally signed by

DONALD H LANIER

Jun 12, 2020

OFFICE

FICO

DATE

6/10/2020

DEVELOPED BY

DONALD H. LANIER (MATTHEW FULKS)

Digitally signed by

DONALD H LANIER

Jun 12, 2020

OFFICE

AJV-A431

DATE

10/24/2019

APPROVED BY

GEORGE DAVIS

Digitally signed by

DONALD H LANIER

Jun 12, 2020

OFFICE

AJV-A430

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KANW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	423402.7020N
LTP/FTP LONGITUDE	0995946.8760W
LTP/FTP ELLIPSOIDAL HEIGHT	+07666
FPAP LATITUDE	423531.8235N
FPAP LONGITUDE	0995948.2995W
THRESHOLD CROSSING HEIGHT (TCH)	00045.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FD284BCF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07889
FPAP ORTHOMETRIC HEIGHT	+07889



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
AINSWORTH RGNL	KANW	RNAV (GPS) RWY 35	3	AINSWORTH	NE	2589	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
263/30 CW 083/30

TO  
FUGLE

<u>RNP</u>	<u>DISTANCE</u>	<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>
1.TOWER (31-000232)	422005.00N/0992903.00W		4049	50	20	2C	1000					5100
2.TERRAIN	420945.00N/1003636.00W		3114 (3100)								AS1500	4600

COMPUTATIONS

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

SEGMENT REMARKS:

LEFT BASE AREA

FROM  
083/30 CW 173/30

TO  
ECOFI

<u>RNP</u>	<u>DISTANCE</u>	<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>
3.TOWER (31-001029)	423312.00N/1003203.00W		3514	500	125	5E	1000				AT586	5100
4.TERRAIN	423030.00N/1004857.00W		3281 (3300)								AS1500	4800

COMPUTATIONS

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

SEGMENT REMARKS:



**FACILITY**  
RNAV

HMAS

RF CENTER FIX/DISTANCE

HMAS

RF CENTER FIX/DISTANCE

QUALITY  
24  
CHECKED

FACILITY  
RNAV

RF CENTER FIX/DISTANCERF CENTER FIX/DISTANCE

<div>AIRPORT AINSWORTH RGNL</div>	<div>AIRPORT ID KANW</div>	<div>PROCEDURE NAME RNAV (GPS) RWY 35</div>	<div>AMDT NO. 3</div>	<div>CITY AINSWORTH</div>	<div>STATE NE</div>	<div>AIRPORT ELEVATION 2589</div>	<div>FACILITY RNAV</div>
---------------------------------------	--------------------------------	---	---------------------------	-------------------------------	-------------------------	---------------------------------------	------------------------------

FINAL: LPV

FROM  
COLSI

TO  
RW35

RNP	DISTANCE 4.92	PAT	MAP DA	HAT 200	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2789

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM  
COLSI

TO  
RW35

RNP	DISTANCE 4.92	PAT	MAP DA	HAT 250	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				2839

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY  
24  
CHECKED

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

Electronic Version

Page 4 of 12



FACILITY  
RNAV

QUALITY  
24  
CHECKED

HOLD-IN-LIEU OF PT

FROM

FUGLE

TO

P-6

RNP	DISTANCE	PAT P-6	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.AAO	421627.00N/1000421.00W		3137	164	98	4E	1000				AT963	5100
14.TERRAIN	421627.00N/1000421.00W		2937 (2900)								AS1500	4400

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

EVANE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2624					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
15.AAO	423915.00N/1000133.00W		2855	164	98	4E	1000					3900
16.TERRAIN	423827.00N/0995933.00W		2670 (2700)								AS1500	4200

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

EVANE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2678					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
15.AAO	423915.00N/1000133.00W		2855	164	98	4E	1000					3900
16.TERRAIN	423827.00N/0995933.00W		2670 (2700)								AS1500	4200

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW35

TO

EVANE

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2860					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
15.AAO	423915.00N/1000133.00W		2855	164	98	4E	1000					3900
16.TERRAIN	423827.00N/0995933.00W		2670 (2700)								AS1500	4200

COMPUTATIONS

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

SEGMENT REMARKS:



<u>AIRPORT</u> AINSWORTH RGNL	<u>AIRPORT ID</u> KANW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 3	<u>CITY</u> AINSWORTH	<u>STATE</u> NE	<u>AIRPORT ELEVATION</u> 2589	<u>FACILITY</u> RNAV
----------------------------------	---------------------------	--	----------------------	--------------------------	--------------------	----------------------------------	-------------------------

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>RADIUS</u>	<u>HAA</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
<b>CATEGORY A</b>											
12.TRANSMISSION_LINE (31-039017)	423257.95N/1000028.63W	1.34	411	2649	250	50	4D	300		AC50	3000
<b>CATEGORY B</b>											
17.TRANSMISSION_LINE (31-039068)	423256.80N/1000140.85W	1.90	451	2672	250	50	4D	300		AC50	3040
<b>CATEGORY C</b>											
18.TREE	423735.94N/0995740.83W	3.00	451	2699	50	20	2C	300		HAA	3040
<b>CATEGORY D</b>											
11.AAO	423038.25N/0995911.88W	3.92	611	2899	50	20	2C	300			3200

CIRCLING REMARKS:

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

IFP REQUEST TO USE 40 FOOT TREES FOR PROCEDURE DEVELOPMENT.  
15 FT TALL TRACTOR PLANTED ON FARM WEST OF RUNWAY 17/35 AT KANW FOR PROCEDURE DEVELOPMENT.

QUALITY  
24  
CHECKED

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

Electronic Version

Page 8 of 12

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZDV ARTCC, OLU FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KANW	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KANW	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KVTN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KVTN	<u>DISTANCE</u> 29.65	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 70

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KANW 2589, KVTN 2595  
RA = 69.3

<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>
RW31 - HIRL (PCL), REIL (PCL), VASI-2L (PCL)		NPI-F	
RW13 - HIRL (PCL), VASI-2L (PCL)		NPI-G	
RW17 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	
RW35 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 2588.4	<u>TCH</u> 45.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 45.1
---------------------------------	-------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

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> -20C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -20C	<u>APT ISA</u> +9.87C
-----------------------------	------------------------------	--------------------	--------------------------

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 991 HIGH TEMP 1307.

"VISUAL PORTION OF FINAL" PENETRATIONS





<u>AIRPORT</u> AINSWORTH RGNL	<u>AIRPORT ID</u> KANW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 3	<u>CITY</u> AINSWORTH	<u>STATE</u> NE	<u>AIRPORT ELEVATION</u> 2589	<u>FACILITY</u> RNAV
----------------------------------	---------------------------	--	----------------------	--------------------------	--------------------	----------------------------------	-------------------------

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	3.36
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	359.32
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	2800
DISTANCE FROM	THLD	TO 1500FT POINT	12.52
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	359.33
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2900

THRESHOLD  
COORDINATES  
(IF STR-IN)

423402.70N/0995946.88W

ARP COORDINATES

423445.20N/0995934.70W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 35 DISTANCE 0.72 NM

FAF  
COORDINATES

422907.51N/0995942.17W

FIX NAME  
COORDINATES

IAF DUWAT: 422013.07N/0994725.54W, IAF ECOFI: 422000.37N/1001141.61W, IF/IAF FUGLE: 422007.36N/0995933.59W

REMARKS

STRAIGHT IN TAA BASED ON 30 NM RADIUS OF FUGLE; RIGHT BASE TAA BASED ON 30 NM RADIUS OF DUWAT; LEFT BASE TAA BASED ON 30 NM RADIUS OF ECOFI

QUALITY  
24  
CHECKED

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

Electronic Version

Page 11 of 12

<u>AIRPORT</u> AINSWORTH RGNL	<u>AIRPORT ID</u> KANW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 3	<u>CITY</u> AINSWORTH	<u>STATE</u> NE	<u>AIRPORT ELEVATION</u> 2589	<u>FACILITY</u> RNAV
----------------------------------	---------------------------	--	----------------------	--------------------------	--------------------	----------------------------------	-------------------------

---

PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (MATTHEW FULKS)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 10/24/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
---	---------------------------	---------------------------	---

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

Electronic Version

QUALITY  
24  
CHECKED

Page 12 of 12