

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> CSQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> CRESTON	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 1300	<u>TDZE</u> 1296	<u>SUPERSEDED</u> RNAV (GPS) RWY 34	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 04/21/2022
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4E
				<u>EPOCH YEAR</u> 1995
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RILGE	IAF	FOVOB	NOPT	TF	FB	1.00	019.56	7.13	3200
LMN VOR/DME	IAF	FOVOB	NOPT	TF	FB	1.00	309.67	20.78	3200
FOVOB	IF/IAF	HIBAV		TF	FB	1.00	340.89	5.90	3000
HIBAV	FAF	LARIY/2.20 NM TO RW34		TF	FB	0.30	340.87	3.01	
LARIY/2.20 NM TO RW34		RW34	MAP	TF	FO	0.30	340.87	2.20	
RW34	MAP	1660 MSL		CA			340.87		
1660 MSL		NOCSI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW34
LNAV: RW34

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT NOCSI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD S FOVOB, RT, 340.89 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 340.87

FAF: HIBAV

DIST FAF TO MAP: 5.22

DIST FAF TO THLD: 5.22
4. MIN ALT: FOVOB 3200, HIBAV 3000, LARIY/2.20 NM TO RW34 2040
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 NOT CLEAR

TCH:
8. MSA FROM: RW34 3200



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA FOR CATS B AND C WEST OF RWY 16-34.
CHART NOTE: CIRCLING NA TO RWY 4-22.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RILGE ON V181 WESTBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DSM ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET AND LNAV VISIBILITY CAT C 1/2 SM, AND LP VISIBILITY CAT C 1/2 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM.

ADDITIONAL FLIGHT DATA:

TCH: HIBAV TO RW34: 3.00/43.7.

HOLD N, RT, 160.81 INBOUND.
CHART FAS OBST: 1400 TREE 410115N/0942121W, 1393 TREE 410054N/0942139W.
WAAS CHANNEL # 82422
REFERENCE PATH ID: W34A
LTP HAE: 363.9 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
LP MDA	1660	1	364	1660	1	364	1660	1	364		NA				
LNAV MDA	1660	1	364	1660	1	364	1660	1	364		NA				
CIRCLING	1720	1	420	1820	1	520	1940	1 3/4	640		NA				

CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO THE FORM.
2. TERMINAL ROUTES: FROM "RILGE TO FOVOB" ALTITUDE CHANGED FROM "3000" TO "3200" - IAW IFP REQUEST FORM.
3. TERMINAL ROUTES: ADDED "LMN VOR/DME TO FOVO, COURSE 309.69, DISTANCE 20.78, ALTITUDE 3200" - IAW IFP REQUEST FORM.
4. TERMINAL ROUTES: FOVOB TO HIBAV DISTANCE CHANGED FROM "5.91" TO "5.90" - NEW FAF COORDINATES.
5. TERMINAL ROUTES: CHANGED FROM "RW34 TO 1700 MSL" TO "RW34 TO 1660 MSL" - TO MATCH THE LOWEST MDA IAW 8260.58C 3-5-2.B.
6. TERMINAL ROUTES: CHANGED FROM "1700 MSL TO NOCSI" TO "1660 MSL TO NOCSI" - TO MATCH THE LOWEST MDA IAW 8260.58C 3-5-2.B.
7. PROFILE LINE 2: CHANGED FROM "HOLD S FOVOB, RT, 340.89 INBOUND, 3000 FT. IN LIEU OF PT (IAF)" TO "HOLD S FOVOB, RT, 340.89 INBOUND, 3200 FT. IN LIEU OF PT (IAF), MAX 6000" - ALTITUDE INCREASED IAW IFP REQUEST FORM AND MAX ALTITUDE ADDED IAW 8260.19J 8-6-7 B(2).
8. PROFILE LINE 3: DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "5.21" TO "5.22" - NEW FAF COORDINATES.
9. PROFILE LINE 4: CHANGED FROM "FOVOB 3000, HIBAV 3000, LARIY/2.20 NM TO RW34 2040" TO "FOVOB 3200, HIBAV 3000, LARIY/2.20 NM TO RW34 2040" - ALTITUDES INCREASED IAW IFP REQUEST FORM.
10. PROFILE LINE 7: ADDED "20:1: IS NOT CLEAR" - IAW 8260.19J.
11. PBN REQUIREMENT NOTES: ADDED "RNP APCH - GPS" - IAW 8260.19J.
12. NOTES: DELETED "DME/DME RNP-0.3 NA" - NO LONGER REQUIRED.
13. NOTES: CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DES MOINES ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET AND VISIBILITY CAT C 1/2 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DSM ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET AND LNAV VISIBILITY CAT C 1/2 SM, AND LP VISIBILITY CAT C 1/2 SM, AND CIRCLING VISIBILITY CAT C 1/2 SM" - IAW 8260.19J 8-6-12 N(1)(A)1.
14. NOTES: CHANGED FROM "CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "CHART NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19J 8-6-12 K(2).
15. ADDITIONAL FLIGHT DATA: CHANGED "HIBAV TO RW34: 3.00/46" TO "TCH: HIBAV TO RW34: 3.00/43.7" - IAW IFP REQUEST FORM.
16. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM "1409 TREE 410054N/0942140W" TO "CHART FAS OBST: 1400 TREE 410115N/0942121W, 1393 TREE 410054N/0942139W" - IAW 8260.19J.
17. FAS DATA BLOCK: FPAP COORDINATES CHANGED FROM "410218.7400N/0942212.1100W" TO "410218.7410N/0942212.1165W", TCH CHANGED FROM "00046.0" TO "00043.7" AND CRC REMAINDER CHANGED FROM "BFBE43E" TO "1EE4350D" - IAW 8260.19J.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

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NBAA

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OTHER: ZMP, AMGR

FLIGHT CHECKED BY

KENNETH E JACK

Digitally signed by

ALLAN WILL

Nov 12, 2024

OFFICE

AJF

DATE

11/06/2024

DEVELOPED BY

BRITNEY ARMENTROUT

Digitally signed by

BRITNEY ARMENTROUT

Jul 26, 2024

OFFICE

AJV-A422

DATE

07/26/2024

APPROVED BY

RAKE MCGRAW

Digitally signed by

ALLAN WILL

Nov 12, 2024

OFFICE

AJV-A422

DATE

TITLE

MANAGER

AIRPORT ID
CSQ

PROCEDURE NAME
RNAV (GPS) RWY 34

ORIGINAL/AMENDMENT
2

CITY
CRESTON

STATE
IA

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCSQ
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	410052.6890N
LTP/FTP LONGITUDE	0942141.3405W
LTP/FTP ELLIPSOIDAL HEIGHT	+03639
FPAP LATITUDE	410218.7410N
FPAP LONGITUDE	0942212.1165W
THRESHOLD CROSSING HEIGHT (TCH)	00043.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1256
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
 CRC REMAINDER	 1EE4350D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03947
FPAP ORTHOMETRIC HEIGHT	+03947

