

**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> GREELEY-WELD COUNTY	<u>AIRPORT ID</u> KGXY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> GREELEY	<u>STATE</u> CO	
<u>AIRPORT ELEVATION</u> 4697	<u>TDZE</u> 4665	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 03/01/2018	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 APRIL 2021	<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>
GLL VOR/DME		WELDS		TF	FO	1.00	182.21	17.45	7000
ZERNA	IAF	WELDS	NOPT	TF	FB	1.00	270.32	14.71	7000
WELDS	IF/IAF	BUFFS		TF	FB	1.00	349.82	6.92	6600
BUFFS	FAF	ARTSS/2.10 NM TO RW35		TF	FB	0.30	349.81	3.85	
ARTSS/2.10 NM TO RW35		RW35	MAP	TF	FO	0.30	349.81	2.10	
RW35	MAP	5300 MSL		CA			349.81		5300
5300 MSL		CEDUK		DF	FO	1.00			7000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5300 THEN CLIMBING RIGHT TURN TO 7000 DIRECT CEDUK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S WELDS, RT, 349.82 INBOUND, 7000 FT. IN LIEU OF PT (IAF), MAX 17500.

3. FAC: 349.81 FAF: BUFFS DIST FAF TO MAP: 5.95 DIST FAF TO THLD: 5.95

4. MIN ALT: WELDS 7000, BUFFS 6600, ARTSS/2.10 NM TO RW35 5360*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.47 GS ANT: MM: IM:

6. MIN GP INCPT: 6600 GP ALT AT FAF : BUFFS 6600 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 50.9

8. MSA FROM: RW35 8700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GLL VOR/DME AIRWAY RADIALS 095 CW 258.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 0.99 NM TO RW35*
*LNAV ONLY
WAAS CHANNEL #69607
REFERENCE PATH ID: W35A
CHART FAS OBST: 4764 GRAIN_ELEVATOR 402609N/1043709W.
HOLD SE, RT, 321.35 INBOUND
LTP HAE: 1399.8 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	4865	3/4	200	4865	3/4	200	4865	3/4	200	4865	3/4	200			
LNAV/VNAV DA	4935	7/8	270	4935	7/8	270	4935	7/8	270	4935	7/8	270			
LNAV MDA	5020	1	355	5020	1	355	5020	1 1/8	355	5020	1 1/8	355			
CIRCLING	5120	1	423	5200	1	503	5200	1 1/2	503	5380	2 1/4	683			



CHANGES - REASONS

1. INCORPORATED P-NOTAM 7/0992.
2. ADDED RNP VALUES TO ALL SEGMENTS IN TERMINAL ROUTES - .58A, TABLE 1-2-1.
3. ADDED MAX 17,500, TO PROFILE LINE 2 - .19H, 8-6-7. B. (2).
4. ADDED PROFILE LINE: 7. 20:1 IS CLEAR - .19H, 8-6-7, G. (3).
5. ADDED PBN REQUIREMENTS NOTE: RNP APCH - .19H, 8-6-8.B. (1)/8260.58A, 3-1-1.
6. REMOVED CHART NOTE: DME/DME RNP .3 NA - .19H, 4-6-10, E.
7. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 50C (123F) TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C OR ABOVE 54C- .19H, 8-6-9. S/.58A, 3-3-4. (1). (B).
8. CHANGED ADDT'L FLIGHT DATA: CHART FAS OBSTACLE FROM: 4762 BLDG 402609N/1043709W TO 4764 GRAIN ELEVATOR 402609N/1043709W - .19H 8-6-10. C. /NEW CONTROLLER.
9. CHANGED ALL CATS LNAV/VNAV DA/HATS FROM 4915/250 TO 4976/270 - NEW CONTROLLING OBSTACLE/NEW TARGETS BUILD; CANCELS NOTAM 9/1921.
10. CHANGED ALL CATS LNAV/VNAV VISIBILITY FROM 3/4 TO 7/8 - NEW DA/HAT; CANCELS NOTAM 9/1921.
11. REMOVED BACKUP ALTIMETER AND ASSOCIATED BARO-VNAV NOTES - .19H, 8-6-9, E.(8) - MOVED TO -9 AS A CONTINGENCY.
12. CRC REMAINDER CHANGED FROM DA50EBFE TO A8449018; LTP/FTP LAT/LONG CHANGED FROM 402554.6370N/1043751.6470W TO 402554.6365N/1043751.6465W AND FPAP LAT/LONG CHANGED FROM 402723.7400N/1043756.1100W TO 402723.7330N/1043756.1065W.

COORDINATED WITH:

A4A ☐

ALPA ☒

AOPA ☒

APA ☐

HAI ☐

NBAA ☒

OTHER: ZDV, DEN APP CON, CO AERO, AMGR

FLIGHT CHECKED BY

THOMAS CONKLIN

Digitally signed by

JASON KRETSCHMER

Dec 08, 2020

OFFICE

FICO

DATE

12/4/2020

DEVELOPED BY

DAVID DANNER (APRIL SARMENTO)

Digitally signed by

JASON KRETSCHMER

Dec 08, 2020

OFFICE

AJV-A421

DATE

02/21/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Dec 08, 2020

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	KGXY
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	402554.6365N
LTP/FTP LONGITUDE	1043751.6465W
LTP/FTP ELLIPSOIDAL HEIGHT	+13998
FPAP LATITUDE	402723.7330N
FPAP LONGITUDE	1043756.1065W
THRESHOLD CROSSING HEIGHT (TCH)	00050.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	A8449018

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14182
FPAP ORTHOMETRIC HEIGHT	+14182

