

**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 17	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> GREELEY	<u>STATE</u> CO
<u>AIRPORT ELEVATION</u> 4697	<u>TDZE</u> 4697	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 03/01/2018	<u>MAG VAR</u> 8E
<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>	<u>EPOCH YEAR</u> 2015

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GLL VOR/DME		BLEEU		TF	FO	1.00	329.44	10.70	7600
LPORT		BLEEU		TF	FO	1.00	061.77	15.04	8000
WISER	IAF	BLEEU	NOPT	TF	FB	1.00	106.01	12.99	7600
KROMM	IAF	BLEEU	NOPT	TF	FB	1.00	173.17	6.96	7600
PACHE	IAF	BLEEU	NOPT	TF	FB	1.00	209.77	8.09	7600
SHOOP	IAF	BLEEU	NOPT	TF	FB	1.00	225.38	21.38	7600
BLEEU	IF/IAF	GOHLD		TF	FB	1.00	169.81	6.91	6600
GOHLD	FAF	BAAYR/2.30 NM TO RW17		TF	FB	0.30	169.81	3.53	
BAAYR/2.30 NM TO RW17		RW17	MAP	TF	FO	0.30	169.81	2.30	
RW17	MAP	5400 MSL		CA			169.81		5400
5400 MSL		CEDUK		DF	FO	1.00			7000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5400 THEN CLIMBING LEFT 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 N BLEEU, RT, 169.81 INBOUND, 7600 FT. IN LIEU OF PT (IAF), MAX 14000.
- 3. **FAC:** 169.81 **FAF:** GOHLD **DIST FAF TO MAP:** 5.83 **DIST FAF TO THLD:** 5.83
- 4. **MIN ALT:** BLEEU 7600, GOHLD 6600, BAAZR/2.30 NM TO RW17 5460*
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.48 **GS ANT:**
- 6. **MIN GP INCPT:** 6600 **GP ALT AT FAF :** GOHLD 6600 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 45.6
- 8. **MSA FROM:** RW17 8800

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 ARRIVALS AT WISER ON V81 NORTHBOUND AND ARRIVALS AT SHOOP ON V132 NORTHWESTBOUND, AND ARRIVALS AT GLL VOR/DME ON V101 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
 CHART VDP AT 1.24 NM TO RW17*
 *LNAV ONLY
 WAAS CHANNEL #72708
 REFERENCE PATH ID: W17A
 CHART FAS OBST: 4890 RIG 402907N/1043820W.
 HOLD SE, RT, 321.35 INBOUND
 LTP HAE: 1413.3 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
LPV DA	4897	3/4	200	4897	3/4	200	4897	3/4	200	4897	3/4	200			
LNAV/VNAV DA	4969	7/8	272	4969	7/8	272	4969	7/8	272	4969	7/8	272			
LNAV MDA	5140	1	443	5140	1	443	5140	1 1/2	443	5140	2 1/4	443			
CIRCLING	5140	1	443	5200	1	503	5200	1 1/2	503	5380	2 1/4	683			



CHANGES - REASONS

1. INCORPORATED P-NOTAM 7/4191.
2. CHANGED LNAV/VNAV DA/HAT FROM 4947/250 TO 4969/272 - NEW CONTROLLING OBSTACLE; CANCELS NOTAM 9/1919.
3. CHANGED LNAV/VNAV VISIBILITY FROM 3/4 TO 7/8 SM - NEW DA/HAT; CANCELS NOTAM 9/1919.
4. ADDED RNP VALUES TO SEGMENTS IN TERMINAL ROUTES - .58A, TABLE 1-2-1.
5. ADDED MAX 14000, TO PROFILE LINE 2 - .19H, 8-6-7. B. (2).
6. ADDED 20:1 IS CLEAR TO PROFILE LINE: 7 - .19H, 8-6-7, G. (3).
7. ADDED PBN REQUIREMENTS NOTE: RNP APCH - .19H, 8-6-8.B. (1)/.58A, 3-1-1.
8. REMOVED CHART NOTE: DME/DME RNP .3 NA - .19H, 4-6-10, E.
9. REMOVED CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED AND CHANGED 34:1 IS NOT CLEAR TO 34:1 IS CLEAR ON PROFILE LINE 7 - NEW TARGETS BUILD, NO 34:1 PENETRATIONS.
10. 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).
11. CHANGED ADDT'L FLIGHT DATA: CHART FAS OBSTACLE FROM: 4844 TREE 402956N/1043745W TO 4890 RIG (08-056762) - .19H 8-6-10. C. /NEW CONTROLLER.
12. ADDED PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT WISER ON V81 NORTHBOUND AND ARRIVALS AT SHOOP ON V132 NORTHWESTBOUND, AND ARRIVALS AT GLL VOR/DME ON V101 EASTBOUND - TURNS EXCEED 90 DEG.
13. REMOVED BACKUP ALTIMETER AND ASSOCIATED BARO-VNAV NOTES - 8260.19H, 8-6-9, E. (8) - MOVED TO -9 AS A CONTINGENCY.
14. CRC REMAINDER CHANGED FROM 7419A140 TO CDCBA392; LTP/FTP LAT/LONG CHANGED FROM 402722.4975N/1043756.0520W TO 402722.4975N/1043756.0525W, AND FPAP LAT/LONG CHANGED FROM 402543.7800N/1043751.1100W TO 402543.7540N/1043751.1130W.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZDV, DEN APP CON, CYS APP CON, CO AERO, AMGR

FLIGHT CHECKED BY

THOMAS CONKLIN

Digitally signed by
JASON KRETSCHMER

OFFICE

FICO

DATE

12/4/2020

DEVELOPED BY

DAVID DANNER (APRIL SARMENTO)

Dec 08, 2020
Digitally signed by
JASON KRETSCHMER

OFFICE

AJV-A421

DATE

02/14/2020

APPROVED BY

MARLON ROBINSON

Dec 08, 2020
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	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	402722.4975N
LTP/FTP LONGITUDE	1043756.0525W
LTP/FTP ELLIPSOIDAL HEIGHT	+14133
FPAP LATITUDE	402543.7540N
FPAP LONGITUDE	1043751.1130W
THRESHOLD CROSSING HEIGHT (TCH)	00045.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	CDCBA392

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14316
FPAP ORTHOMETRIC HEIGHT	+14316

