

**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> KAPA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 17L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> DENVER	<u>STATE</u> CO		
<u>AIRPORT ELEVATION</u> 5885	<u>TDZE</u> 5823	<u>SUPERSEDED</u> RNAV (GPS) RWY 17L	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/20/2015	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
LOWRE	IF	CENTN		TF	FB	1.00	169.95	2.95	6900
CENTN	FAF	RW17L	MAP	TF	FO	0.30	169.95	3.33	
RW17L	MAP	6300 MSL		CA			169.95		6300
6300 MSL		HOHUM		DF	FO	1.00			10400

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW17L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6300 THEN CLIMBING RIGHT TURN TO 10400 DIRECT HOHUM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10400.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
2. PROFILE STARTS AT LOWRE
3. FAC: 169.95      FAF: CENTN      DIST FAF TO MAP: 3.33      DIST FAF TO THLD: 3.33
4. MIN ALT: LOWRE 7800, CENTN 6900
5. DIST TO THLD FROM FAF: 3.33      MM:      IM:      150 HAT:      200 HAT: 0.57      GS ANT:
6. MIN GP INCPT: 6900      GP ALT AT FAF: CENTN 6900      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 47.4
8. MSA FROM: RW17L 12700



**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: CIRCLING RWY 35L NA AT NIGHT.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.

CHART SPEED ICON IN PLANVIEW AT LOWRE: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

HOLD N, LT, 200.00 INBOUND.

CHART FAS OBST: 5962 TOWER (08-000897) 393507N/1045042W.

CHART VDP AT 1.19 NM TO RW17L.

WAAS CHANNEL # 72930

REFERENCE PATH ID: W17A

CHART MANDATORY 7800 AT LOWRE.

CHART CIRCLING ICON.

LTP HAE: 1748.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1100-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	6023	3/4	200	6023	3/4	200	6023	3/4	200	6023	3/4	200			
LNAV/VNAV DA	6123	7/8	300	6123	7/8	300	6123	7/8	300	6123	7/8	300			
LNAV MDA	6220	1	397	6220	1	397	6220	1 1/8	397	6220	1 1/8	397			
CIRCLING	6400	1	515	6480	1	595	6740	2 1/2	855	6900	3	1015			



**CHANGES - REASONS**

1. CHANGED DISTANCE LOWRE TO CENTN FROM "3.27" TO "2.95", ALTITUDE FROM "6800" TO "6900" AND DISTANCE CENTN TO RW17L FROM "3.01" TO "3.33" IN TERMINAL ROUTES -- FAF CENTN RELOCATED.
2. CHANGED DIST FAF TO MAP/THLD FROM "3.01" TO "3.33" IN PROFILE LINE 3 -- FAF CENTN RELOCATED.
3. CHANGED MIN ALT AT CENTN FROM "6800" TO "6900" IN PROFILE LINE 4 -- FAF ALTITUDE RAISED TO ACCOMMODATE CAT D CIRCLING.
4. ADDED "DIST TO THLD FROM FAF: 3.33" IN PROFILE LINE 5 -- UPDATED IAW 8260.19I, 8-6-7.E.
5. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- CONFIRMED CLEAR BY TARGETS EVALUATION; UPDATED IAW 8260.19I, 8-6-7.G(3)(A).
6. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(1).
7. REMOVED CHART NOTE "RADAR REQUIRED" -- RADAR NOT REQUIRED FOR RNAV APPROACH.
8. CHANGED CHART NOTE "NIGHT LANDING: RWY 35L NA" TO "CIRCLING RWY 35L NA AT NIGHT" -- UPDATED IAW 8260.19I, 8-6-11.O(2)(G).
9. REMOVED FAHRENHEIT TEMPERATURES FROM BARO-VNAV NOTE -- UPDATED IAW 8260.19I, 8-6-9.R.
10. CHANGED VERBIAGE "CHART PLANVIEW NOTE AT LOWRE: MAX 210 KIAS" TO "CHART SPEED ICON IN PLANVIEW AT LOWRE: MAX 210 KIAS" -- UPDATED IAW 8260.19I, 4-6-10.G.
11. CHANGED CHART FAS OBST FROM "5963 ANT 393507N/1045042W" TO "5962 TOWER (08-000897) 393507N/1045042W" -- NEW OBSTACLE EVALUATION.
12. CHANGED "200 HAT: 0.48" TO "200 HAT: 0.57" AND MOVED FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5 -- RECALCULATED IN TARGETS; UPDATED IAW 8260.19I, 8-6-7.E.
13. REMOVED "'LNAV ONLY" IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 8-6-10.M.
14. LOWERED LNAV/VNAV DA/HAT FROM "6154/331" TO "6123/300" AND VISIBILITY FROM "1 1/4" TO "7/8" -- NEW OBSTACLE EVALUATION AND 8260.3D VISIBILITY TABLES.
15. LOWERED CAT B CIRCLING MDA/HAA FROM "6540/655" TO "6480/595" -- NEW OBSTACLE EVALUATION.
16. FAS DATA: CRC REMAINDER CHANGED FROM "52208365" TO "4982857F" -- LTP/FTP COORDINATES CHANGED FROM "393502.9100N/1045105.3100W" TO "393502.9195N/1045105.3025W" AND FPAF COORDINATES CHANGED FROM "393333.7925N/1045101.1890W" TO "393324.1420N/1045100.7395W".

**COORDINATED WITH:**A4A ☐ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZDV, APA ATCT, AMGR**FLIGHT CHECKED BY**

GARY J VEER

*Digitally signed by***JASON KRETSCHMER**

Oct 26, 2021

**OFFICE**

FPO

**DATE**

10/25/2021

**DEVELOPED BY**

JASON KRETSCHMER (DANIEL C JOHNSEN)

*Digitally signed by***JASON KRETSCHMER**

Aug 25, 2021

**OFFICE**

AJV-A421

**DATE**

07/26/2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Aug 25, 2021

**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	KAPA
RUNWAY	RW17L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	393502.9195N
LTP/FTP LONGITUDE	1045105.3025W
LTP/FTP ELLIPSOIDAL HEIGHT	+17485
FPAP LATITUDE	393324.1420N
FPAP LONGITUDE	1045100.7395W
THRESHOLD CROSSING HEIGHT (TCH)	00047.4
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	 4982857F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17657
FPAP ORTHOMETRIC HEIGHT	+17657

