US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FQF VORTAC	TACUD (FO)	007.30 / 16.91	8100
DVV VORTAC	TACUD (FO)	040.78 / 6.14	7500
TACUD (IF/IAF)	FYZER (FB)	171.99 / 5.96	7000
FYZER (FAF)	RW17 (MAP) (FO)	171.99 / 4.62	
RW17 (MAP)	5673 MSL	171.99	
5673 MSL	VIBPU (FB)		
VIBPU	HUNTN (FO)	160.33 / 10.22	8500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 8500 DIRECT VIBPU AND ON TRACK 160.33 TO HUNTN AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N TACUD, LT, 171.99 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 171.99 FAF: FYZER DIST FAF TO MAP: 4.62 THLD: 4.62
4. MIN. ALT: TACUD 7000, FYZER 7000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: FYZER 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.3 34:1 IS CLEAR
8. MSA FROM: RW17 8100

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 307.00 INBOUND.
CHART FAS OBST: 5687 CTRL TOWER 394710N/1043209W
DISTANCE TO THLD FROM 200 HATH: 0.46 NM.
CHART VDP AT 1.50 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 82209
REFERENCE PATH ID: W17A
CHART: DENVER INTL
LTP HAE: 1650.8 M

MAG VAR: 8E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5673	3/4	200	5673	3/4	200	5673	3/4	200	5673	3/4	200			
LNAV/VNAV DA	5898	1 3/8	425	5898	1 3/8	425	5898	1 3/8	425	5898	1 3/8	425			
LNAV MDA	6000	1	527	6000	1	527	6000	1 1/2	527	6000	1 1/2	527			
CIRCLING	6040	1	528	6040	1	528	6040	1 1/2	528	6080	2	568			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 46C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTERNATIONAL ALTIMETER SETTING (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 5512 THRE: 5473 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED 09/25/2008

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
AND INCREASE ALL DA 29 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILTY 1/8 MILE.
CHART NOTE: VDP NA WITH DENVER INTERNATIONAL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FQF VORTAC AIRWAY RADIALS 306 CW 078.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DVV VORTAC AIRWAY RADIALS 311 CW 065.
CHART NOTE: BARO-VNAV NA WITH DENVER INTERNATIONAL ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 5512 THRE: 5473	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED: 09/25/2008

Bearings, headings, courses, 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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFTG
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	394708.1450N
LTP/FTP LONGITUDE	1043127.2430W
LTP/FTP ELLIPSOIDAL HEIGHT	+16508
FPAP LATITUDE	394538.9800N
FPAP LONGITUDE	1043127.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	934FF004

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16680
FPAP ORTHOMETRIC HEIGHT	+16680

CITY AND STATE	ELEVATION: 5512 THRE: 5473	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED: 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DVV   K2011470VTHW N39534088W104372761    N39534088W104372761E0080052792     NARMILE HIGH
        SUSAD        FQF   K2011630VTHW N39412450W104371550    N39412450W104371550E0110057802     NARFALCON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FYZER K20    C     N39514568W104312730                    E0086     NAR          FYZER
        SUSAEAENRT   HUNTN K20    C   L N39340686W104284671                    E0085     NAR          HUNTN
        SUSAEAENRT   TACUD K20    W     N39574353W104312738                    E0086     NAR          TACUD
        SUSAEAENRT   VIBPU K20    W     N39440800W104312720                    E0086     NAR          VIBPU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2AFTG     0     080YHN39470690W104323530E008005512         1800018000C    MNAR    FRONT RANGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2FR17   ADVV   010DVV  K2D 0V       IF                                                18000                 A JS
        SUSAP KFTGK2FR17   ADVV   020TACUDK2EA0EY   020TF                    04080061    + 07500                                A JS
        SUSAP KFTGK2FR17   ADVV   030TACUDK2EA0EE AL   HF                    17200070    + 07000                                A JS
        SUSAP KFTGK2FR17   AFQF   010FQF  K2D 0V       IF                                                18000                 A JS
        SUSAP KFTGK2FR17   AFQF   020TACUDK2EA0EY   020TF                    00730169    + 08100                                A JS
        SUSAP KFTGK2FR17   AFQF   030TACUDK2EA0EE AL   HF                    17200070    + 07000                                A JS
        SUSAP KFTGK2FR17   R      010TACUDK2EA0E  I    IF                                + 07000     18000                 A JS
        SUSAP KFTGK2FR17   R      020FYZERK2EA1E  F 051TF                    17200060    + 07000                  RW17  K2PGA JS
        SUSAP KFTGK2FR17   R      020FYZERK2EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KFTGK2FR17   R      030RW17 K2PG0GY M 031TF                    17200046      05528             -300            A JS
        SUSAP KFTGK2FR17   R      040         0  M     CA                    1720        + 05673                                A JS
        SUSAP KFTGK2FR17   R      050VIBPUK2EA0E       DF                                                                      A JS
        SUSAP KFTGK2FR17   R      060HUNTNK2EA0EY   010TF                    1603        + 08500                                A JS
        SUSAP KFTGK2FR17   R      070HUNTNK2EA0EE  R   HM                    30700070    + 08500                                A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2GRW17    0080001720 N39470815W104312724+0500    +1650805473000055100I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 5512 THRE: 5473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED: 09/25/2008

Bearings, headings, courses, 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 in feet RVR.

```
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2PR17   RW17 001 0000W17A0N3947081450W10431272430+165080300N3945389800W1043127220010675031200055 3F400350934FF004
        SUSAP KFTGK2PR17   RW17 002E      +16680+16680LPV       82209
------------------------------------------------------------------------------------------------------------------------------
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFTGK2SRW17 K2PG                0   18018008125                                                                M
```

CITY AND STATE	ELEVATION: 5512 THRE: 5473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED: 09/25/2008

Bearings, headings, courses, 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 in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DVV	DVV	010		IF		FB					
	DVV	TACUD	020		TF		FO	2.0	040.8(048.8T)	006.1	AA 07500	
	DVV	TACUD	030	IAF	HF	L	FO		172.0(180.0T)	007.0	AA 07000	
	FQF	FQF	010		IF		FB					
	FQF	TACUD	020		TF		FO	2.0	007.3(015.3T)	016.9	AA 08100	
	FQF	TACUD	030	IAF	HF	L	FO		172.0(180.0T)	007.0	AA 07000	
		TACUD	010	FACF	IF		FB				AA 07000	
		FYZER	020	FAF	TF		FB	0.5	172.0(180.0T)	006.0	AA 07000	
		RW17	030	MAP	TF		FO	0.3	172.0(180.0T)	004.6	AT 05528	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.0(180.0T)		AA 05673	
	VIBPU	050		DF		FB					
	HUNTN	060		TF		FO	1.0	160.3(168.3T)		AA 08500	
	HUNTN	070		HM	R	FO		307.0(315.0T)	007.0	AA 08500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DVV	N395340.88	W1043727.61	N3953.681	W10437.460
	FQF	N394124.50	W1043715.50	N3941.408	W10437.258
	FYZER	N395145.68	W1043127.30	N3951.761	W10431.455
	HUNTN	N393406.86	W1042846.71	N3934.114	W10428.779
	TACUD	N395743.53	W1043127.38	N3957.726	W10431.456
	VIBPU	N394408.00	W1043127.20	N3944.133	W10431.453
	RW17	N394708.15	W1043127.24	N3947.136	W10431.454

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	05473	55

CITY AND STATE	ELEVATION: 5512 THRE: 5473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: FRONT RANGE	RNAV	RNAV (GPS) RWY 17, AMDT 1, 11/15/2012	AMDT: ORIG
				DATED: 09/25/2008