

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (RNP) - 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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE			ALTITUDE		RNP: DA CLIMB TO 5900 THEN CLIMBING LEFT TURN TO 10000 DIRECT HYGEN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 309.00 INBOUND. CHART FAS OBST: 5417 LT POLE 395016N/1044202W DISTANCE TO THLD FROM 260 HATH: 0.66 NM. CHART MANDATORY 11000 AT DOGGG CHART MANDATORY 11000 AT HIMOM ROUTE TYPE: A, H ROUTE TYPE QUALIFIER1: F ROUTE TYPE QUALIFIER2: S #TCH 5377.0 (DO NOT CHART) CHART LOC RWY 35 L/R.						
DOGGG (IF)		MSIMS (TF) (FB) (RNP 1.00)		172.71 / 2.99			10000								
MSIMS		OHWEL (RF) (FB) (RNP 1.00)		(3.26 NM RADIUS CW (CFFND)/5.19			9000								
OHWEL		JAYNE (TF) (FB) (RNP 0.70)		263.81 / 1.60			8700								
JAYNE		WINTR (RF) (FB) (RNP 0.70)		(4.23 NM RADIUS CW (CFFNC)/6.56			7000								
KALHR (IF) (SEE FORM 8260-10)		MERKL (TF) (FB) (RNP 1.00)		352.51 / 3.24			10000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WINTR 3. FAC: 352.51 FAF: _____ DIST FAF TO MAP: 5.10 THLD: _____ 4. MIN. ALT: WINTR 7000 5. DIST TO THLD FROM OM: 5.10 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 7000 GS ALT AT: WINTR 7000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: #50.0 8. MSA FROM: RW34L 10300										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
AUTHORIZATION REQUIRED															
RNP 0.10 DA	5587	2400	260	5587	2400	260	5587	2400	260	5587	2400	260			
RNP 0.20 DA	5720	4500	393	5720	4500	393	5720	4500	393	5720	4500	393			
RNP 0.30 DA	5782	6000	455	5782	6000	455	5782	6000	455	5782	6000	455			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -25C (-13F) OR ABOVE 48C (118F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE ADJACENT TO DOGGG: RF REQUIRED. (SEE FORM 8260-10)															
CITY AND STATE			ELEVATION: 5434 THRE: 5327			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		
DENVER, CO			AIRPORT NAME: DENVER INTL						RNAV (RNP) Z RWY 34L, ORIG 15 NOVEMBER 2012				AMDT: NONE		
													DATED		

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RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MERKL	RNOLD (TF) (FB) (RNP 1.00)	352.51 / 4.08	9000
RNOLD	TUGGL (TF) (FB) (RNP 1.00)	352.51 / 4.61	7600
HIMOM (IF)	MCMUL (TF) (FB) (RNP 1.00)	173.17 / 3.00	10000
MCMUL	KUGLN (RF) (FB) (RNP 1.00)	(2.73 NM RADIUS CCW (CFFNG)/4.30	8700
KUGLN	TUGGL (RF) (FB) (RNP 1.00)	(2.47 NM RADIUS CCW (CFFNF)/3.90	7600
TUGGL	WINTR (TF) (FB) (RNP 1.00)	352.51 / 2.07	7000
WINTR (FAF)	RW34L (MAP) (TF) (FO)	352.51 / 5.10	
RW34L (MAP)	5900 MSL (CA)	352.51	5900
5900 MSL	HYGEN (DF) (FO)		10000

NOTES, (CONT.):

CHART PLANVIEW NOTE ADJACENT TO HIMOM: RF REQUIRED.

CHART PLANVIEW NOTE AT DOGGG: (RNP 0.70).

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 4500 AND RNP 0.20

ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L/R, EXCEPT FOR ARRIVALS AT DOGGG AND HIMOM

CHART PLANVIEW NOTE AT HIMOM: MAX 210 KIAS

CHART PLANVIEW NOTE AT DOGGG: MAX 210 KIAS

CHART PLANVIEW NOTE AT KUGLN: MAX 200 KIAS

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS

CITY AND STATE
DENVER, CO

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDENK2FH34LZ	ADOGGG	010DOGGK2EA0E	B	IF				11000	18000210		A-FS	
SUSAP	KDENK2FH34LZ	ADOGGG	020MSIMSK2EA0E		010TF				+ 10000			A FS	
SUSAP	KDENK2FH34LZ	ADOGGG	030OHWELK2EA0E	R010RF		0032601727	26380052		+ 09000		CFFND K2EAA	FS	
SUSAP	KDENK2FH34LZ	ADOGGG	040JAYNEK2EA0E		071TF				+ 08700			A FS	
SUSAP	KDENK2FH34LZ	ADOGGG	050WINTRK2EA0EE	R071RF		0042302638	35250066		+ 07000		CFFNC K2EAA	FS	
SUSAP	KDENK2FH34LZ	AHIMOM	010HIMOMK2EA0E	B	IF				11000	18000210		A-FS	
SUSAP	KDENK2FH34LZ	AHIMOM	020MCMULK2EA0E		010TF				+ 10000			A FS	
SUSAP	KDENK2FH34LZ	AHIMOM	030KUGLNK2EA0E	L010RF		0027301732	08300043		+ 08700	200	CFFNG K2EAA	-FS	
SUSAP	KDENK2FH34LZ	AHIMOM	040TUGGLK2EA0E	L010RF		0024700830	35250039		+ 07600		CFFNF K2EAA	FS	
SUSAP	KDENK2FH34LZ	AHIMOM	050WINTRK2EA0EE		010TF				+ 07000			A FS	
SUSAP	KDENK2FH34LZ	AKALHR	010KALHRK2EA0E	B	IF					18000		A FS	
SUSAP	KDENK2FH34LZ	AKALHR	020MERK2EA0E		010TF				+ 10000			A FS	
SUSAP	KDENK2FH34LZ	AKALHR	030RNOLDK2EA0E		010TF				+ 09000			A FS	
SUSAP	KDENK2FH34LZ	AKALHR	040TUGGLK2EA0E		010TF				+ 07600			A FS	
SUSAP	KDENK2FH34LZ	AKALHR	050WINTRK2EA0EE		010TF				+ 07000			A FS	

QUALITY
1
CHECK

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SUSAP KDENK2FH34LZ H	020WINTRK2EA1E F IF	+ 07000	18000	RW34LBK2PGA FS
SUSAP KDENK2FH34LZ H	020WINTRK2EA2W		A031A021A011	FS
SUSAP KDENK2FH34LZ H	030RW34LK2PGOGY M 031TF	05377	-300	A FS
SUSAP KDENK2FH34LZ H	040 0 M CA	3525 + 05900		A FS
SUSAP KDENK2FH34LZ H	050HYGENK2EA0EY DF	+ 10000		A FS
SUSAP KDENK2FH34LZ H	060HYGENK2EA0EE R HM	30900070 + 10000		A FS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KDENK2GRW34L	0160003525 N39510679W104414772+0000	+1605605327000050200IIDXU3											

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KDENK2SRW34LK2PGB	0	18018010325	M										

QUALITY
1
CHECK

CITY AND STATE DENVER, CO	ELEVATION: 5434 THRE: 5327	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: DENVER INTL		RNAV (RNP) Z RWY 34L, ORIG	AMDT: NONE
			15 NOVEMBER 2012	DATED:

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DOGGG	DOGGG	010		IF		FB				AT 11000	AB 210
	DOGGG	MSIMS	020		TF		FB	1.0			AA 10000	
	DOGGG	OHWEL	030		RF	R	FB	1.0		005.2	AA 09000	
	DOGGG	JAYNE	040		TF		FB	0.7			AA 08700	
	DOGGG	WINTR	050		RF	R	FB	0.7		006.6	AA 07000	
	HIMOM	HIMOM	010		IF		FB				AT 11000	AB 210
	HIMOM	MCMUL	020		TF		FB	1.0			AA 10000	
	HIMOM	KUGLN	030		RF	L	FB	1.0		004.3	AA 08700	AB 200
	HIMOM	TUGGL	040		RF	L	FB	1.0		003.9	AA 07600	
	HIMOM	WINTR	050		TF		FB	1.0			AA 07000	
	KALHR	KALHR	010		IF		FB					
	KALHR	MERKL	020		TF		FB	1.0			AA 10000	
	KALHR	RNOLD	030		TF		FB	1.0			AA 09000	
	KALHR	TUGGL	040		TF		FB	1.0			AA 07600	
	KALHR	WINTR	050		TF		FB	1.0			AA 07000	
		WINTR	020	FAF	IF		FB				AA 07000	
		RW34L	030	MAP	TF		FO	0.3			AT 05377	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5(000.5T)		AA 05900	
	HYGEN	050		DF		FO				AA 10000	
	HYGEN	060		HM	R	FO		309.0(317.0T)	007.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CFFNC	N394558.44	W1043621.99	N3945.974	W10436.367
	CFFND	N394457.25	W1043419.97	N3944.954	W10434.333
	CFFNF	N394357.81	W1044504.76	N3943.964	W10445.079
	CFFNG	N394413.68	W1044504.38	N3944.228	W10445.073
	DOGGG	N394754.32	W1043003.31	N3947.905	W10430.055
	HIMOM	N394717.19	W1044832.22	N3947.287	W10448.537
	HYGEN	N400903.89	W1051057.91	N4009.065	W10510.965
	JAYNE	N394144.46	W1043632.26	N3941.741	W10436.538
	KALHR	N393200.49	W1044200.90	N3932.008	W10442.015
	KUGLN	N394129.53	W1044508.24	N3941.492	W10445.137
	MCMUL	N394417.08	W1044836.99	N3944.285	W10448.617
	MERKL	N393515.05	W1044158.67	N3935.251	W10441.978
	MSIMS	N394454.72	W1043006.20	N3944.912	W10430.103
	OHWEL	N394141.44	W1043427.99	N3941.691	W10434.467
	RNOLD	N393919.92	W1044155.86	N3939.332	W10441.931
	TUGGL	N394356.54	W1044152.68	N3943.942	W10441.878

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WINTR	N394600.84	W1044151.25	N3946.014	W10441.854
RW34L	N395106.79	W1044147.72	N3951.113	W10441.795

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW34L	05327	50

CITY AND STATE
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