

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 6000 THEN CLIMBING LEFT TURN TO 10000 DIRECT HYGEN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 309.00 INBOUND. CHART FAS OBST: 5430 CRANE 395115N/1044100W CHART FAS OBST: 5473 TOWER 395104N/1044057W CHART FAS OBST: 5660 ANTENNA 395107N/1044028W DISTANCE TO THLD FROM 385 HATH: 1.02 NM. CHART MANDATORY 11000 AT DOGGG CHART MANDATORY 11000 AT HIMOM ROUTE TYPE: A,H ROUTE TYPE QUALIFIER1: F ROUTE TYPE QUALIFIER2: S #TCH 5412.2 MSL (DO NOT CHART) CHART LOC RWY 35 L/R.	
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 (CFFNL)/4.30	8700		
KUGLN	BSAYN (RF) (FB) (RNP 1.00)	(2.89 NM RADIUS CCW (CFFNK)/4.57	7700		
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 (CFFNJ)/5.19	9200		
(SEE FORM 8260-10)					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT BSAYN _____ 3. FAC: 352.51 FAF: _____ DIST FAF TO MAP: 4.98 THLD: _____ 4. MIN. ALT: BSAYN 7700 CORDE 7000 5. DIST TO THLD FROM OM: 4.98 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 7000 GS ALT AT: CORDE 7000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: #58.5 8. MSA FROM: RW34R 10300					
				MAG VAR: 8E EPOCH YEAR: 2015	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
AUTHORIZATION REQUIRED					
RNP 0.10 DA	5739	4000	385	5739	4000
RNP 0.20 DA	5849	6000	495	5849	6000
RNP 0.30 DA	5980	1 5/8	626	5980	1 5/8
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -25C (-13F) OR ABOVE 46C (114F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT HIMOM : MAX 210 KIAS. (SEE FORM 8260-10)					
CITY AND STATE DENVER, CO		ELEVATION: 5434 THRE: 5354 AIRPORT NAME: DENVER INTL		FACILITY IDENTIFIER: RNAV PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 34R, ORIG 15 NOVEMBER 2012	
				SUP: AMDT: NONE DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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
OHWEL	BPRAN (TF) (FB) (RNP 1.00)	263.81 / 2.81	8700
BPRAN	BSAYN (RF) (FB) (RNP 1.00)	(2.56 NM RADIUS CW (CFFNH)/3.97	7700
BOOBU (IF)	BENGL (TF) (FB) (RNP 1.00)	352.51 / 3.24	10000
BENGL	BOENG (TF) (FB) (RNP 1.00)	352.51 / 4.73	9000
BOENG	BSAYN (TF) (FB) (RNP 1.00)	352.51 / 4.38	7700
BSAYN	CORDE (TF) (FB) (RNP 1.00)	352.51 / 2.49	7000
CORDE (FAF)	RW34R (MAP) (TF) (FO)	352.51 / 4.98	
RW34R (MAP)	6000 MSL (CA)	352.51	6000
6000 MSL	HYGEN (DF) (FO)		10000

NOTES, (CONT.):

CHART PLANVIEW NOTE AT DOGGG : MAX 210 KIAS.

CHART PLANVIEW NOTE AT BPRAN : MAX 205 KIAS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO HIMOM: RF REQUIRED.

CHART PLANVIEW NOTE ADJACENT TO DOGGG: RF REQUIRED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.20

ALL CATS VISIBILITY TO 1 5/8 MILE AND RNP 0.30 ALL CATS VISIBILITY TO 2 1/4 MILE

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS

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

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

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDENK2FH34RZ	ABO0BU	010BO0BUK2EA0E	B	IF					18000		A	FS
SUSAP	KDENK2FH34RZ	ABO0BU	020BENGLK2EA0E		010TF			+	10000			A	FS
SUSAP	KDENK2FH34RZ	ABO0BU	030BOENGLK2EA0E		010TF			+	09000			A	FS
SUSAP	KDENK2FH34RZ	ABO0BU	040BSAYNK2EA0EE		010TF			+	07700			A	FS
SUSAP	KDENK2FH34RZ	ADOGGG	010DOGGGK2EA0E	B	IF				11000	18000210		A	-FS
SUSAP	KDENK2FH34RZ	ADOGGG	020MSIMSK2EA0E		010TF			+	10000			A	FS
SUSAP	KDENK2FH34RZ	ADOGGG	030OHWELK2EA0E	R	010RF	0032601727	26380052		09200		CFFNJ	K2EAA	FS
SUSAP	KDENK2FH34RZ	ADOGGG	040BPRANK2EA0E		010TF			+	08700	205		A	-FS
SUSAP	KDENK2FH34RZ	ADOGGG	050BSAYNK2EA0EE	R	010RF	0025602638	35250040	+	07700		CFFNH	K2EAA	FS
SUSAP	KDENK2FH34RZ	AHIMOM	010HIMOMK2EA0E	B	IF				11000	18000210		A	-FS
SUSAP	KDENK2FH34RZ	AHIMOM	020CMCMLK2EA0E		010TF			+	10000			A	FS
SUSAP	KDENK2FH34RZ	AHIMOM	030KUGLNLK2EA0E	L	010RF	0027301732	08310043	+	08700		CFFNL	K2EAA	FS
SUSAP	KDENK2FH34RZ	AHIMOM	040BSAYNK2EA0EE	L	010RF	0028900831	35250046	+	07700		CFFNK	K2EAA	FS
SUSAP	KDENK2FH34RZ	H	010BSAYNK2EA0E	I	IF			+	07700	18000		A	FS
SUSAP	KDENK2FH34RZ	H	020CORDEK2EA1E	F	010TF			+	07000		RW34RBK2PGA	FS	

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CHECKED

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SUSAP	KDENK2FH34RZ	H	020CORDEK2EA2W			A031A021A011		FS
SUSAP	KDENK2FH34RZ	H	030RW34RK2PG0GY	M	031TF	05412	-300	A FS
SUSAP	KDENK2FH34RZ	H	040	0	M	CA		A FS
SUSAP	KDENK2FH34RZ	H	050HYGENK2EA0EY		DF	3525	+ 06000	A FS
SUSAP	KDENK2FH34RZ	H	060HYGENK2EA0EE	R	HM	30900070	+ 10000	A FS

[illegible]

SUSAP KDENK2GRW34R 0120003525 N39515077W104411388+0000 +1613705354000059150IIIOUF3

[illegible]

SUSAP_KDENK2SRW34RK2PGB	0	18018010325	M
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CITY AND STATE DENVER, CO	ELEVATION: 5434 THRE: 5354	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: DENVER INTL	RNAV	RNAV (RNP) Z RWY 34R, ORIG	AMDT: NONE
			15 NOVEMBER 2012	DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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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
	BOOBU	BOOBU	010		IF		FB					
	BOOBU	BENGL	020		TF		FB	1.0			AA 10000	
	BOOBU	BOENG	030		TF		FB	1.0			AA 09000	
	BOOBU	BSAYN	040		TF		FB	1.0			AA 07700	
	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 09200	
	DOGGG	BPRAN	040		TF		FB	1.0			AA 08700	AB 205
	DOGGG	BSAYN	050		RF	R	FB	1.0		004.0	AA 07700	
	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	
	HIMOM	BSAYN	040		RF	L	FB	1.0		004.6	AA 07700	
		BSAYN	010	FACF	IF		FB				AA 07700	
		CORDE	020	PAF	TF		FB	1.0			AA 07000	
		RW34R	030	MAP	TF		FO	0.3			AT 05412	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5(000.5T)		AA 06000	
	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
	BENGL	N393514.94	W1044125.34	N3935.249	W10441.422
	BOENG	N393958.76	W1044122.08	N3939.979	W10441.368
	BOOBU	N393200.38	W1044127.57	N3932.006	W10441.460
	BPRAN	N394146.70	W1043806.09	N3941.778	W10438.102
	BSAYN	N394421.77	W1044119.06	N3944.363	W10441.318
	CFFNH	N394420.35	W1043759.95	N3944.339	W10437.999
	CFFNJ	N394457.26	W1043419.98	N3944.954	W10434.333
	CFFNK	N394423.26	W1044504.12	N3944.388	W10445.069
	CFFNL	N394413.70	W1044504.35	N3944.228	W10445.073
	CORDE	N394651.46	W1044117.33	N3946.858	W10441.289
	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
	KUGLN	N394129.53	W1044508.24	N3941.492	W10445.137
	MCMUL	N394417.08	W1044836.99	N3944.285	W10448.617
	MSIMS	N394454.72	W1043006.20	N3944.912	W10430.103
	OHWEL	N394141.44	W1043427.99	N3941.691	W10434.467

CITY AND STATE DENVER, CO	ELEVATION: 5434	THRE: 5354	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (RNP) Z RWY 34R, ORIG	AMDT: NONE
	DENVER INTL	RNAV	15 NOVEMBER 2012	DATED:	

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RUNWAY DATA	RW34R	N395150.77	W1044113.88	N3951.846	W10441.231
	RWY	THRESHOLD ELEVATION	TCH		
	RW34R	05354	59		

CITY AND STATE
DENVER, CO

ELEVATION: **5434** THRE: **5354**
AIRPORT NAME:
DENVER INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 34R, ORIG
15 NOVEMBER 2012

SUP:
AMDT: **NONE**
DATED: