

U.S. 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 FVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA
BBALL (40E)	NAAVE (TF) (FB) (RNP 2.00) (40E) (43A)	277.21/17.12	6000	CLIMB TO 5000 VIA LEFT TURN TO AFXUR, AND VIA LEFT TURN TO BIWFO, AND VIA TRACK 340.97 TO CERID, AND VIA RIGHT TURN TO DUYGE, AND VIA LEFT TURN TO EGEDE, AND VIA TRACK 154.91 TO AVENT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 156.00 INBOUND CHART FAS OBST: 1505 TOWER 333655N/1115611W DIST TO THLD FROM 359 HAT: 1.01 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH: 1507.9 MSL (DO NOT CHART) CHART MANDATORY 6000 AT NAAVE, 5000 AT FRMAN, 4000 AT FURST
NAAVE (IAF) (40E) (43A)	FRMAN (TF) (FB) (RNP 1.00) (40E) (41E)	310.82/14.76	5000	
FRMAN (IF) (40E) (43I)	FURST (TF) (FB) (RNP 1.00) (40E) (42S)	340.32/13.71	4000	
FURST (40E) (42S)	JIMUN (RF) (FB) (RNP 0.42) (40E) (43F)	(4.57 NM RADIUS CW DUQGU) /4.12	3400	
JIMUN (FAF) (40E) (43F)	RW03 (TF) (FB) (40G) (43M)	031.92/5.85		
RW03 (MAP) (40G) (43M)	AFXUR (RF) (FB) (RNP 0.30) (40E) (42M)	(4.08 NM RADIUS CCW EFFEB) /1.78		
AFXUR (40E) (42M)	BIWFO (RF) (FB) (RNP 0.50) (40E)	(4.08 NM RADIUS CCW EFFEB) /1.85		
CONTINUED ON PAGE 2				

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (I/F)
- PROFILE STARTS AT FRMAN
- FAC 031.92 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: FRMAN 5000, FURST 4000
- DIST TO THLD FROM OM: 5.85 MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: 3400 GS ALT AT: JIMUN 3400 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 60.0# 34:1 IS NOT CLEAR
- MSA FROM: RW03 7800

MAG VAR: 12E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	STANDARD	X	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	

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED

RNP 0.30 DA	1829	1 1/4	359	1829	1 1/4	359	1829	1 1/4	359		NA				

NOTES: CHART NOTE: RF AND GPS REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTER NA.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (31F) OR ABOVE 54C (130F).
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED PROCEDURE NA.
 CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THAN 1.0. CHART PLANVIEW NOTE AT BBALL: (RNP 0.42).
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1510 TDZE: 1470	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSDALE, AZ	AIRPORT NAME: SCOTTSDALE	RNAV	02 JUL 2009 RNAV (RNP) Z RWY 3, ORIG	AMDT: NONE
				DATE

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TERMINAL ROUTES (CONTINUED FROM PAGE 1)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIWFO (40E)	CERID (TF) (FB) (RNP 0.75) (40E)	340.97/4.10	
CERID (40E)	DUYGE (RF) (FB) (RNP 0.89) (40E)	(4.08 NM RADIUS CW EZWIJ) /1.81	
DUYGE (40E)	EGEDE (RF) (FB) (RNP 1.00) (40E)	(4.08 NM RADIUS CCW ICB AH) /15.06	
EGEDE (40E)	AVENT (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	154.91/5.14	5000



CITY AND STATE SCOTTSDALE, AZ	ELEVATION: 1510 TDZE: 1470	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 02 JUL 2009 RNAV (RNP) Z RWY 3, ORIG	SUP:
	AIRPORT NAME: SCOTTSDALE			AMDT: NONE
	DATED:			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BBALL	BBALL	010		IF		FB				
	BBALL	NAAVE	020	IAF	TF		FB	2.0	277.2 (289T)	017.1	06000 MAN
	BBALL	FRMAN	030		TF		FB	1.0	310.8 (323T)	014.8	05000 MAN
		FRMAN	010	FACF	IF		FB				05000 MAN
		FURST	011	SDF	TF		FB	1.0	340.3 (352T)	013.7	04000 MAN
		JIMUN	020	FAF	RF	R	FB	0.42		004.1	03400
		RW03	030	MAP	TF		FB	0.3	031.9 (044T)	005.9	01508 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AFXUR	010		RF	L	FB	0.3		001.8	
	BIWFO	020		RF	L	FB	0.5		001.9	
	CERID	030		TF		FB	0.75	341.0 (353T)	004.1	
	DUYGE	040		RF	R	FB	0.89		001.8	
	EGEDE	050		RF	L	FB	1.0		015.1	
	AVENT	060		TF		FO	1.0	154.9 (167T)	005.1	05000
	AVENT	070		HM	L	FO	2.0	156.0 (168T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AFXUR	333828.65N	1115359.51W	3338.478N	11153.992W
	AVENT	334131.73N	1120209.93W	3341.529N	11202.166W
	BBALL	325756.84N	1112921.62W	3257.947N	11129.360W
	BIWFO	334018.38N	1115345.69W	3340.306N	11153.762W
	CERID	334422.98N	1115421.79W	3344.383N	11154.363W
	DUQGU	332934.56N	1115600.99W	3329.576N	11156.017W
	DUYGE	334610.51N	1115408.96W	3346.175N	11154.149W
	EFFEB	333948.46N	1115836.80W	3339.808N	11158.613W
	EGEDE	334632.44N	1120333.60W	3346.541N	11203.560W
	EZWJ	334452.92N	1114930.42W	3344.882N	11149.507W
	FRMAN	331520.69N	1115914.37W	3315.345N	11159.240W
	FURST	332857.64N	1120125.86W	3328.961N	11201.431W
	ICBAH	334728.10N	1115847.56W	3347.468N	11158.793W
	JIMUN	333245.21N	1115957.11W	3332.754N	11159.952W
	NAAVE	330333.99N	1114835.97W	3303.567N	11148.600W
	RW03	333658.24N	1115505.72W	3336.971N	11155.095W

RUNWAY DATA	RWY	THLD ELEV	TCH
	03	01448	60

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