

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. Cellings 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		LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 650 THEN CLIMBING RIGHT TURN TO 6000 DIRECT MRGGO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 304.46 INBOUND. CHART FAS OBST: 253 TREE 392845N/1213805W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 0.94 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 49026 REFERENCE PATH ID: W02A LTP HAE: 27.3 M							
DURHA		ESVOW (FO)		165.79 / 21.07			3600									
MRGGO		ESVOW (FO)		267.38 / 23.56			3600									
TALUM		ESVOW (FO)		124.17 / 7.91			3600									
YUBBA (IAF)		ESVOW (NOPT) (FB)		343.65 / 11.29			3600									
ESVOW (IF/IAF)		IXACE (FB)		016.88 / 6.00			2100									
IXACE (FAF)		VIGCE/1.80 NM TO RW02 (FB)		016.93 / 4.10												
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S ESVOW, RT, 016.88 INBOUND, 3600 FT. IN LIEU OF PT (IAF) 3. FAC: 016.93 FAF: IXACE DIST FAF TO MAP: 5.90 THLD: 5.90 4. MIN. ALT: ESVOW 3600, IXACE 2100, VIGCE/1.80 NM TO RW02 780* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2100 GS ALT AT: IXACE 2100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW02 7400																
MAG VAR: 16E EPOCH YEAR: 1990																
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	432	7/8	250	432	7/8	250	432	7/8	250		NA					
LNAV/VNAV DA	432	7/8	250	432	7/8	250	432	7/8	250		NA					
LNAV MDA	520	1	338	520	1	338	520	1	338		NA					
CIRCLING	560	1	366	660	1	466	660	1 1/2	466		NA					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING CHICO ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: CIRCLING NA NE OF RWY 13-31. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 194 THRE: 182		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 1						
OROVILLE, CA		AIRPORT NAME:				RNAV (GPS) RWY 2, ORIG-A				AMDT: ORIG						
		OROVILLE MUNI				2 MAY 2013				DATED 05/31/2012						



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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VIGCE/1.80 NM TO RW02	RW02 (MAP) (FO)	016.96 / 1.80	
RW02 (MAP)	650 MSL	016.96	650
650 MSL	MRGGO (FO)		6000

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICO ALTIMETER SETTING AND INCREASE

ALL DA 56 FEET AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CAT C

VISIBILITIES 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



CITY AND STATE
 OROVILLE, CA

ELEVATION: 194 THRE: 182
 AIRPORT NAME:
 OROVILLE MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 2, ORIG-A
 2 MAY 2013

SUP: RNAV (GPS) RWY 1
 AMDT: ORIG
 DATED: 05/31/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOVE
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	392843.8560N
LTP/FTP LONGITUDE	1213754.5110W
LTP/FTP ELLIPSOIDAL HEIGHT	+00273
FPAP LATITUDE	392958.6600N
FPAP LONGITUDE	1213651.8700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0912
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

95FA246F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00553
FPAP ORTHOMETRIC HEIGHT	+00553



CITY AND STATE
OROVILLE, CA

ELEVATION: 194 THRE: 182
AIRPORT NAME:
OROVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, ORIG-A
2 MAY 2013

SUP: RNAV (GPS) RWY 1
AMDT: ORIG
DATED: 05/31/2012

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.

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOVEK2FR02	ADURHA	010DURHAK2EA0E	IF							18000		A JS	
SUSAP KOVEK2FR02	ADURHA	020ESVOWK2EA0EY	020TF			16580211		+ 03600				A JS	
SUSAP KOVEK2FR02	ADURHA	030ESVOWK2EA0EE	AR HF			01690040		+ 03600				A JS	
SUSAP KOVEK2FR02	AMRGGO	010MRGGOK2EA0E	IF							18000		A JS	
SUSAP KOVEK2FR02	AMRGGO	020ESVOWK2EA0EY	020TF			26740236		+ 03600				A JS	
SUSAP KOVEK2FR02	AMRGGO	030ESVOWK2EA0EE	AR HF			01690040		+ 03600				A JS	
SUSAP KOVEK2FR02	ATALUM	010TALUMK2EA0E	IF							18000		A JS	
SUSAP KOVEK2FR02	ATALUM	020ESVOWK2EA0EY	020TF			12420079		+ 03600				A JS	
SUSAP KOVEK2FR02	ATALUM	030ESVOWK2EA0EE	AR HF			01690040		+ 03600				A JS	
SUSAP KOVEK2FR02	AYUBBA	010YUBBAK2EA0E	A IF							18000		A JS	
SUSAP KOVEK2FR02	AYUBBA	020ESVOWK2EA0EE	B 010TF			34370113		+ 03600				A JS	
SUSAP KOVEK2FR02	R	010ESVOWK2EA0E	I IF					+ 03600		18000		A JS	
SUSAP KOVEK2FR02	R	020IXACEK2EA1E	F 051TF			01690060		+ 02100			RW02	K2PGA	JS
SUSAP KOVEK2FR02	R	020IXACEK2EA2WALPV		ALNAV/VNAV	ALNAV								JS
SUSAP KOVEK2FR02	R	021VIGCEK2EA0E	S 031TF			01690041		V 0078000794		-300		A JS	
SUSAP KOVEK2FR02	R	030RW02 K2PGOGY	M 031TF			01700018		00222		-300		A JS	
SUSAP KOVEK2FR02	R	040	O M CA			0170		+ 00650				A JS	
SUSAP KOVEK2FR02	R	050MRGGOK2EA0EY	R DF					+ 06000				A JS	
SUSAP KOVEK2FR02	R	060MRGGOK2EA0EE	R HM			30450050		+ 06000				A JS	

[illegible]

789012
QUALITY
9
CHECKED

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.

[illegible]

QUALITY
9
CHECKED

CITY AND STATE OROVILLE, CA	ELEVATION: 194	THRE: 182	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1
	AIRPORT NAME:			RNAV (GPS) RWY 2, ORIG-A	AMDT: ORIG
	OROVILLE MUNI		RNAV	2 MAY 2013	DATED: 05/31/2012

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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
DURHA	DURHA	DURHA	010		IF		FB					
DURHA	ESVOW	ESVOW	020		TF		FO	2.0	165.8 (181.8T)	021.1	AA 03600	
DURHA	ESVOW	ESVOW	030	IAF	HF	R	FO		016.9 (032.9T)	004.0	AA 03600	
MRGGO	MRGGO	MRGGO	010		IF		FB					
MRGGO	ESVOW	ESVOW	020		TF		FO	2.0	267.4 (283.4T)	023.6	AA 03600	
MRGGO	ESVOW	ESVOW	030	IAF	HF	R	FO		016.9 (032.9T)	004.0	AA 03600	
TALUM	TALUM	TALUM	010		IF		FB					
TALUM	ESVOW	ESVOW	020		TF		FO	2.0	124.2 (140.2T)	007.9	AA 03600	
TALUM	ESVOW	ESVOW	030	IAF	HF	R	FO		016.9 (032.9T)	004.0	AA 03600	
YUBBA	YUBBA	YUBBA	010	IAF	IF		FB					
YUBBA	ESVOW	ESVOW	020		TF		FB	1.0	343.7 (359.7T)	011.3	AA 03600	
	ESVOW	ESVOW	010	FACF	IF		FB				AA 03600	
	IXACE	IXACE	020	FAF	TF		FB	0.5	016.9 (032.9T)	006.0	AA 02100	
	VIGCE	VIGCE	021	SDF	TF		FB	0.3	016.9 (032.9T)	004.1	AA 00780	GS 00794
	RW02	RW02	030	MAP	TF		FO	0.3	017.0 (033.0T)	001.8	AT 00222	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		017.0 (033.0T)		AA 00650	
	MRGGO	050		DF	R	FO				AA 06000	
	MRGGO	060		HM	R	FO		304.5 (320.5T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DURHA	N393948.92	W1214524.16	N3939.815	W12145.403
	ESVOW	N391844.02	W1214615.14	N3918.734	W12146.252
	IXACE	N392346.52	W1214203.03	N3923.775	W12142.051
	MRGGO	N391320.25	W1211643.18	N3913.338	W12116.720
	TALUM	N392448.95	W1215246.82	N3924.816	W12152.780
	VIGCE	N392713.16	W1213910.39	N3927.219	W12139.173
	YUBBA	N390725.78	W1214609.77	N3907.430	W12146.163
	RW02	N392843.86	W1213754.51	N3928.731	W12137.909

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00182	40

QUALITY
9
CHECKED

CITY AND STATE OROVILLE, CA	ELEVATION: 194 THRE: 182	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 2, ORIG-A 2 MAY 2013	SUP: RNAV (GPS) RWY 1
	AIRPORT NAME: OROVILLE MUNI			AMDT: ORIG
				DATED: 05/31/2012