

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										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW30L  CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT STEBN AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SE, LT, 322.45 INBOUND. CHART FAS OBST: 599 TREE 352550N/1190220W DISTANCE TO THLD FROM 250 HAT: 0.69 NM. CHART VDP AT 1.13 NM TO RW30L* *LNAV ONLY. WAAS CHANNEL # 82440 REFERENCE PATH ID: W30B CHART CIRCLING ICON. LTP HAE: 109.3 M					
GMN VORTAC		AXONE (TF) (FB) (RNP 2.00)		345.98 / 13.65				9800							
LOPES		AXONE (TF) (FB) (RNP 2.00)		256.09 / 7.89				8000							
GRAPE		AXONE (TF) (FB) (RNP 2.00)		020.61 / 4.82				8000							
AXONE (IAF)		ISARE (TF) (FB) (RNP 1.00)		343.26 / 14.96				3500							
ISARE (IF)		WILOG (TF) (FB) (RNP 1.00)		301.43 / 6.00				2500							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 14E EPOCH YEAR: 1985					
2. PROFILE STARTS AT ISARE															
3. FAC: 301.38 FAF: WILOG DIST FAF TO MAP: 6.22 THLD: 6.22															
4. MIN. ALT: ISARE 3500, WILOG 2500, OJOXY/2.20 NM TO RW30L 1200*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2500 GS ALT AT: WILOG 2500 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR															
8. MSA FROM: RW30L 8800															
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	734	7/8	250	734	7/8	250	734	7/8	250	734	7/8	250			
LNAV/VNAV DA	797	1 1/8	313	797	1 1/8	313	797	1 1/8	313	797	1 1/8	313			
LNAV MDA	860	1	376	860	1	376	860	1	376	860	1	376			
CIRCLING	960	1	450	960	1	450	960	1 1/2	450	1060	2	550			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F). CHART NOTE: CIRCLING NA NE OF RWY 12L-30R. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOPES ON V165-459 SOUTHEAST BOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE BAKERSFIELD, CA		ELEVATION: 510 TDZE: 484 AIRPORT NAME: MEADOWS FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30L, ORIG, 04/27/2017						SUP: AMDT: NONE DATED			



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>04/27/2017</div>	
COORDINATED WITH: <div><div>ATA<div><input checked="" type="checkbox"/></div></div><div>AAT<div><input type="checkbox"/></div></div><div>ALPA<div><input checked="" type="checkbox"/></div></div><div>APA<div><input checked="" type="checkbox"/></div></div><div>AOPA<div><input checked="" type="checkbox"/></div></div><div>NBAA<div><input checked="" type="checkbox"/></div></div><div>OTHER (specify)<div><input checked="" type="checkbox"/> ZLA, BFL APP CON, BFL ATCT, AMGR, CA AERO</div></div></div>					
FLIGHT CHECKED BY					
NAME: <div>PENDING</div>				FIFO	DATE:
DEVELOPED BY					
NAME: <div>PABLO ORTIZ</div>				FIFO AJV-5421	DATE: 01/27/2017
APPROVED BY					
NAME: <div>JULIE A. MORGAN</div>				FIFO AJV-5420	DATE:
CHANGES:					
REASONS: <div>2/28/17: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 1/27/17. 1. REQUIRED EFFECTIVE DATE CHANGED FROM ROUTINE TO 04/27/2017.</div>					



**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
WILOG (FAF)	OJOXY/2.20 NM TO RW30L (TF) (FB) (RNP 0.30)	301.38 / 4.02	
OJOXY/2.20 NM TO RW30L	RW30L (MAP) (TF) (FO) (RNP 0.30)	301.38 / 2.20	
RW30L (MAP)	1000 MSL (CA)	301.38	1000
1000 MSL	STEBN (DF) (FO) (RNP 1.00)		3000

**NOTES, (CONT.):**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAPE ON V23 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GMN VORTAC AIRWAY RADIALS 297 CW 328.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

QUALITY  
16  
CHECKED

CITY AND STATE  
**BAKERSFIELD, CA**

**ELEVATION: 510 TDZE: 484**  
 AIRPORT NAME:  
**MEADOWS FIELD**

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 30L, ORIG, 04/27/2017**

SUP:  
 AMDT: **NONE**  
 DATED:

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: ATA                      AAT                      ALPA                      APA                      AOPA                      NBAA                      OTHER (specify) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

**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**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30B
LTP/FTP LATITUDE	352535.8140N
LTP/FTP LONGITUDE	1190303.5150W
LTP/FTP ELLIPSOIDAL HEIGHT	+01093
FPAP LATITUDE	352639.2665N
FPAP LONGITUDE	1190420.1830W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0856
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 C81055F4

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01425
FPAP ORTHOMETRIC HEIGHT	+01425

QUALITY  
16  
CHECKED

CITY AND STATE  BAKERSFIELD, CA	ELEVATION: 510 AIRPORT NAME:  MEADOWS FIELD	TDZE: 484  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 30L, ORIG, 04/27/2017	SUP:
				AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					

## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.			
FEEDER	GMN VORTAC	AXONE	1. AAO	344721.00N/1185627.00W	7737 (3E)	2000		9800			
			2. TERRAIN	345042.00N/1185621.00W	6346 (6300)		AS1500	7800			
FEEDER	LOPES	AXONE	3. AAO	350018.00N/1184054.00W	3665 (3E)	2000	AT2335	8000			
			4. TERRAIN	350000.00N/1184309.00W	2838 (2800)		AS1500	4300			
FEEDER	GRAPE	AXONE	5. AAO	345606.00N/1185354.00W	1700 (3E)	2000	AT4300	8000			
			6. TERRAIN	345730.00N/1185400.00W	1231 (1200)		AS1500	2700			
INITIAL	AXONE	ISARE	7. AAO	350618.00N/1184821.00W	1378 (3E)	1000	AT1122	3500			
			8. TERRAIN	350618.00N/1184821.00W	1178 (1200)		AS1500	2700			
INTERMEDIATE	ISARE	WILOG	9. AAO	351730.00N/1185015.00W	814 (3E)	500	AC76 AT1110	2500			
			10. TERRAIN	351800.00N/1185033.00W	607 (600)		AS1500	2100			
FINAL: LPV	WILOG	RW30L	11. POLE (06-030087)	352530.27N/1190301.92W	488 (1A)	34:1		734/250			
FINAL: LNAV/VNAV	WILOG	RW30L	12. TREE	352549.99N/1190219.62W	599 (2C)	22.00:1	AC20 MA17	797/313			
FINAL: LNAV	WILOG	OJOXY/2.20 NM TO RW30L	13. TOWER (06-001096)	352107.00N/1185737.00W	687 (5D)	250	AC50 XP201 XL12	1200			
2. PROCEDURE TURN											
3. MISSED APPROACH	MAP:	DA / DA / RW30L	STEBN	14. T-L TWR (06-030157)	352628.95N/1190210.23W	672 (1A)	ASC	3000			
				15. TOWER (06-001920)	353053.00N/1190341.00W	1293 (3C)	1000	2300			
	ELEV:	531/636/760		16. TERRAIN	353015.00N/1190333.00W	929 (900)	AS1500	2400			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	450	17. T-L TWR (06-030168)	352726.90N/1190456.54W	650 (1A)	300	960	
CATEGORY B	1.5 NM		450		450	17. T-L TWR (06-030168)	352726.90N/1190456.54W	650 (1A)	300	960	
CATEGORY C	1.7 NM		450		450	17. T-L TWR (06-030168)	352726.90N/1190456.54W	650 (1A)	300	960	
CATEGORY D	2.3 NM		550		550	18. AAO	352338.77N/1185922.06W	700 (2C)	300	HAA	1060
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID: RW30L							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	MSA		
360-360	TWR (06-000584)	071/22.4	7779 (4D)	8800					16		
CITY AND STATE		ELEVATION: 510		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION			
BAKERSFIELD, CA		AIRPORT NAME: MEADOWS FIELD		RNAV		RNAV (GPS) RWY 30L, ORIG 04/27/2017		AWP			

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: <b>THRESHOLD DISPLACED 1493.</b>  <b>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</b>  <b>CRITICAL TEMPERATURES:</b> <b>CRITICAL LOW :-1C (+31F)</b> <b>CRITICAL HIGH :+54C (+130F)</b> <b>ACT :-1C</b> <b>APT ISA :+13.99C</b>  <b>CRITICAL TEMPERATURE REMARKS</b> <b>AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2011-2015).</b> <b>CRITICAL LOW TEMPERATURE BASED ON ACT.</b> <b>DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1121.</b>  <b>ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.</b> <b>CAT A: 1.30NM</b> <b>CAT B: 1.82NM</b> <b>CAT C: 2.87NM</b> <b>CAT D: 3.74NM</b>  <b>SEE ATTACHED AIRSPACE LETTER.</b> <b>RASS PRESSURE PATTERNS SAME</b> <b>KBFL 510, KPTV 443</b> <b>RA = 91.1.</b>  <b>CONTINGENCY ALTIMETER SETTING SOURCE KPTV</b>  <b>LPV SLOPE: 34:1</b>  <b>LNAV/VNAV SLOPE: 22.00:1</b>  <b>80 FEET VEGETATION USED PER FPT CHECKLIST</b>  <b>VGSI DATA RWY 12R: 3.00/25.3</b>  <b>21.00 DEGREES BANK ANGLE USED IN INITIAL FOR DEVELOPEMENT OF FEEDER LOPES TO AXONE</b>  <b>CIRCLING NA EVALUATED TO RUNWAY 12L/30R TO ALLOW IPDS TO ENCOMPASS LARGER CIRCLING TRAPEZOID</b>  <b>PER KERN COUNTY AIRPORTS AIRPORTS CHIEF OPERATIONS OFFICER RWY 12R/30L WILL HAVE NPI MARKING FOR PUB DATE</b>  <b>#13 - XP201 ATC REQUEST FOR STEPDOWN FIX AT 2.20 NM FROM THE RWY AT 1200 FEET</b>																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
<b>ZLA ARTCC</b> <b>BFL APP CON</b> <b>BFL TOWER</b>				<div>N W S</div> <div>F A A</div> <div>A / C</div>		OTHER: <b>ASOS</b>		SOURCE: <b>KBFL / KPTV</b>																					
								DISTANCE: <b>0 / 35.56</b>																					
								HOURS REMOTE OPERATION: <b>0/YES / 24/YES</b>																					
SATISFACTORY ON:																				LOCATION: <b>KBFL</b>									
<input checked="" type="checkbox"/> V H F		<input checked="" type="checkbox"/> U H F		<input type="checkbox"/> H F		ADJUSTMENT: <b>0 / 92</b>																							
4. MONITOR STATUS		PRIMARY NAVAID:																											
		MONITOR POINT:																											
		HRS OPTN:		CAT 1																									
				CAT 3																									
5. APPROACH & RUNWAY LIGHTING		<b>ALS</b>																											
		<b>(S) SALS</b>																											
		<input checked="" type="checkbox"/>		<b>MALSR 30R (PCL)</b>																									
		<input checked="" type="checkbox"/>		<b>HIRL 12L (PCL), 30R (PCL)</b>																									
		<input checked="" type="checkbox"/>		<b>MIRL 12R (PCL), 30L (PCL)</b>																									
				<b>REIL</b>																									
		<input checked="" type="checkbox"/>		<b>TDZ 30R</b>																									
		<input checked="" type="checkbox"/>		<b>C/L 30R</b>																									
<input checked="" type="checkbox"/>		<b>OTHER (SPECIFY)</b> <b>VASI-4L 12L PAPI-4L 12R, 30L, 30R (PCL)</b>																											
6. RUNWAY MARKINGS		<b>BASIC      BSC-G 12R, 30L</b>																											
		<b>ALL WEATHER      PIR-G 12L, 30R</b>																											
		<b>INSTRUMENT</b>																											
7. RUNWAY VISUAL RANGE		<b>APPROACH      12L, 30R</b>																											
		<b>MIDFIELD      12L, 30R</b>																											
		<b>ROLL OUT      12L, 30R</b>																											
8. GLIDE PATH		<b>GP ANGLE: 3.00</b>										<b>ELEV RWY THRESHOLD:467.6</b>																	
		<b>DISTANCE FROM RWY:</b>										<b>ELEV GP ANTENNA:</b>																	
												<b>THRESHOLD CROSSING HEIGHT:50.0</b>																	
9. FINAL APPROACH COURSE AIMING				<input checked="" type="checkbox"/>		<b>RUNWAY THRESHOLD</b>														<b>FT. FROM THRESHOLD</b>									
				<input checked="" type="checkbox"/>		<b>ON CENTERLINE</b>														<b>FT. FROM CENTERLINE</b>									
10. WAIVERS: <b>NONE</b>																													
PART D - PREPARED BY: <b>PABLO ORTIZ</b>										DATE: <b>01/27/2017</b>																			
TITLE: <b>AERONAUTICAL INFORMATION SPECIALIST</b>										OFFICE: <b>AJV-5421</b>																			





STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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## PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
7. RUNWAY VISUAL RANGE		APPROACH									
		MIDFIELD									
		ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:					
		DISTANCE FROM RWY:				ELEV GP ANTENNA:					
						THRESHOLD CROSSING HEIGHT:					
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	