

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				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.											
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW30  CLIMB TO 1000, THEN CLIMBING RIGHT TURN 4000 DIRECT HAIRE AND HOLD, CONTINUE CLIMB-IN-HOLD 4000.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.32 INBOUND. CHART R-2531. CHART VDP AT 1.13 NM TO RW30* *LNAV ONLY. WAAS CHANNEL # 65902 REFERENCE PATH ID: W30A CHART WAAS SYMBOL CHART FAS OBST: 249 T-L TWR 374804N/1213538W DISTANCE TO THLD FROM 270 HAT: 0.66 NM LTP HAE: -17.4 M					
SMONE (IAF)		DASVE (TF) (FB) (RNP 1.00)		313.93 / 4.70				4900							
DASVE		MOVDD (TF) (FB) (RNP 1.00)		316.97 / 3.94				3000							
MOVDD (IF)		BABPI (TF) (FB) (RNP 1.00)		311.08 / 6.15				2600							
BABPI (FAF)		CUDUG/2.90 NM TO RW30 (TF) (FB) (RNP 0.30)		300.34 / 3.88											
CUDUG/2.90 NM TO RW30		RW30 (MAP) (TF) (FO) (RNP 0.30)		300.34 / 2.90											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT MOVDD 3. FAC: 300.34 FAF: BABPI DIST FAF TO MAP: 6.78 THLD: 6.78 4. MIN. ALT: MOVDD 3000, BABPI 2600, CUDUG/2.90 NM TO RW30 1140* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: BABPI 2600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.50 TCH: 30.8 34:1 IS CLEAR 8. MSA FROM: RW30 5600															
										MAG VAR: 15E			EPOCH YEAR: 1995		
<b>MINIMUMS</b>															
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	325	7/8	270	325	7/8	270	325	7/8	270	325	7/8	270			
LNAV/VNAV DA	404	1 1/8	349	404	1 1/8	349	404	1 1/8	349	404	1 1/8	349			
LNAV MDA	500	1	445	500	1	445	500	1 3/8	445	500	1 3/8	445			
CIRCLING	600	1	521	600	1	521	680	1 3/4	601	820	2 1/2	741			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 15C (59F). @ CAT D 800-2 1/2 CHART NOTE: CIRCLING NA SW OF RWY 12-30. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW: PROCEDURE NA FOR ARRIVALS AT SMONE ON T261-263 SOUTHEAST BOUND. CHART PLANVIEW: PROCEDURE NA FOR ARRIVALS AT SMONE ON T333 SOUTH BOUND.															
CITY AND STATE		ELEVATION: 79 TDZE: 55		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BYRON, CA		AIRPORT NAME: BYRON				RNAV (GPS) RWY 30, AMDT 1A				AMDT: 1					
										DATED 08/17/2017					



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
				ROUTINE	
COORDINATED WITH:					
ATA <div></div>		AAT <div></div>		ALPA <div>X</div>	
APA <div></div>		AOPA <div>X</div>		NBAA <div>X</div>	
OTHER (specify)		<div>X</div> NORCAL APP CON, ZOA, AIRPORT MANAGER			
FLIGHT CHECKED BY					
Digitally signed by					
NAME:		DAVID TEFFETELLER		FIFO	DATE:
FLIGHT INSPECTION NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30 2017.		Sep 15, 2017			
DEVELOPED BY					
Digitally signed by					
NAME:		DAVID TEFFETELLER		FIFO	DATE:
DAVID TEFFETELLER (KWEKU DONKOR)		Sep 14, 2017		AJV-5433	08/17/2017
APPROVED BY					
Digitally signed by					
NAME:		PATRICK J. MULQUEEN		FIFO	DATE:
		DAVID TEFFETELLER MANAGER		AJV-5430	
CHANGES:					
Sep 14, 2017					
1. CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL AT SMONE ON T261 SOUTHEAST" TO "PROCEDURE NA FOR ARRIVALS AT SMONE ON T261-263 SOUTHEAST BOUND".					
2. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SMONE ON T333 SOUTH BOUND.					
REASONS:					
1,2. TURN FROM AIRWAY GREATER THAN 90 DEGREES.					



**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>
RW30 (MAP)	1000 MSL (CA)	300.34	1000
1000 MSL	HAIRE (DF) (FO) (RNP 1.00)		4000

CITY AND STATE  
**BYRON, CA**

**ELEVATION: 79**      **TDZE: 55**  
 AIRPORT NAME:  
**BYRON**

FACILITY  
 IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 30, AMDT 1A**

SUP:  
 AMDT: **1**  
 DATED: **08/17/2017**

QUALITY  
 10  
 CHECKED

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> <div></div>			
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	C83
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	374936.8925N
LTP/FTP LONGITUDE	1213714.0485W
LTP/FTP ELLIPSOIDAL HEIGHT	-00174
FPAP LATITUDE	375040.2600N
FPAP LONGITUDE	1213833.2080W
THRESHOLD CROSSING HEIGHT (TCH)	00030.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 C18D0230

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00148
FPAP ORTHOMETRIC HEIGHT	+00148

CITY AND STATE

BYRON, CA

ELEVATION: 79

TDZE: 55

AIRPORT NAME:

BYRON

FACILITY  
IDENTIFIER:  
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 30, AMDT 1A

SUP:

AMDT:

DATED: 08/17/2017

 QUALITY  
10  
CHECKED

ALL AFFECTED PROCEDURES REVIEWED?		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
<div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>					
COORDINATED WITH:					
<div>ATA</div> <div><input type="checkbox"/></div>		<div>AAT</div> <div><input type="checkbox"/></div>		<div>ALPA</div> <div><input type="checkbox"/></div>	
		<div>APA</div> <div><input type="checkbox"/></div>		<div>AOPA</div> <div><input type="checkbox"/></div>	
		<div>NBAA</div> <div><input type="checkbox"/></div>		<div>OTHER (specify)</div> <div><input type="checkbox"/></div> <div></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	
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## PART - A OBSTRUCTION DATA

1. APP SEGMENT						FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.		
INITIAL						SMONE		DASVE	1. AAO		373033.00N/1212230.00W		3615 (5E)		1000	PR200		4900		
									2. TERRAIN		373151.00N/1212336.00W		2412 (2400)			AS1500		3900		
INITIAL: STEPDOWN						DASVE		MOVDD	3. TOWER (06-000706)		373909.00N/1212841.00W		1466 (5E)		1000	PR110 AT424		3000		
									4. TERRAIN		373733.00N/1212724.00W		1247 (1200)			AS1500		2700		
INTERMEDIATE						MOVDD		BABPI	3. TOWER (06-000706)		373909.00N/1212841.00W		1466 (5E)		500	AC125 AT509		2600		
									5. TERRAIN		373909.00N/1212842.00W		985 (1000)			AS1500		2500		
FINAL: LPV						BABPI		RW30	6. TREE (KC830035)		374930.49N/1213713.44W		76 (1C)		29.14:1	AC13		325/270		
FINAL: LNAV/VNAV						BABPI		RW30	7. ANT (KC830018)		374847.84N/1213702.66W		223 (1C)		20.09:1	AC13		404/349		
FINAL: LNAV						BABPI		CUDUG/2.90 NM TO RW30	8. AAO		374354.10N/1213222.10W		420 (2C)		250	RA50 XL40 DG630		1140		
FINAL: LNAV STEPDOWN						CUDUG/2.90 NM TO RW30		RW30	9. T-L TWR (06-024435)		374804.40N/1213538.41W		249 (1A)		250			500		
<b>2. PROCEDURE TURN</b>																				
3. MISSED APPROACH		MAP:		DA / DA / RW30		HAIRE								ASC				4000		
								10. AAO		375243.86N/1214248.11W		619 (2C)		1000			1700			
		ELEV:		110/236/400				11. TERRAIN		375243.86N/1214248.11W		419 (400)			AS1500		1900			
4. CIRCLING AREA		DISTANCE		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">REQUIRED</div>		<div style="writing-mode: vertical-rl; transform: rotate(180deg);">ACTUAL</div>		HT. ABV. ARPT.												
CATEGORY A		1.3 NM						521		12. TREE		375049.60N/1213840.02W		299 (2C)		300			600	
CATEGORY B		1.5 NM						521		12. TREE		375049.60N/1213840.02W		299 (2C)		300			600	
CATEGORY C		1.7 NM						601		13. TREE		375142.41N/1214036.51W		379 (2C)		300			680	
CATEGORY D		2.3 NM						741		14. AAO		375227.36N/1214120.52W		520 (2C)		300			820	
CATEGORY E		4.5 NM						550												
<b>5. MINIMUM SAFE ALTITUDES</b>																				
PRIMARY NAVAID: RW30																				
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		
360-360		AAO		165/28.4		4600 (6A)		5600										QUALITY 10 CHECKED AWP		
CITY AND STATE <b>BYRON, CA</b>				ELEVATION: 79 AIRPORT NAME: <b>BYRON</b>				FACILITY <b>RNAV</b>				PROCEDURE AND AMENDMENT NO: <b>RNAV (GPS) RWY 30, AMDT 1A</b>				REGION				

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					PRECIPITOUS TERRAIN EVALUATION COMPLETED.											
OAK FSS NORCAL APP CON							N W S		OTHER: AWOS-3			SOURCE:KC83 / KSCK					VGSI DATA: 3.5/30.8									
							F A A					DISTANCE: 0 / 19.34					IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE STOCKTON METROPOLITAN ALTIMETER SETTING AND INCREASE ALL DA/MDAS 60 FEET.									
							A / C					HOURS REMOTE OPERATION: 0/YES / 24/YES														
SATISFACTORY ON:					LOCATION: KC83					ADJUSTMENT: 0 / 50					HISTORICAL WEATHER NOT AVAILABLE.											
4. MONITOR STATUS		PRIMARY NAVAID:								CRITICAL TEMPERATURES: CRITICAL LOW :-15C (+5F) CRITICAL HIGH :+15C (+59F) ACT :-15C APT ISA :+14.84C																
		MONITOR POINT:																								
		HRS OPTN:		CAT 1																						
				CAT 3																						
5. APPROACH & RUNWAY LIGHTING		ALS								CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION CRITICAL LOW TEMPERATURE BASED ON ACT. DESCENT RATE (FPM): STANDARD TEMP 1113 HIGH TEMP 1114.  ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM  NO ADDITIONAL AIRSPACE REQUIRED. RASS PRESSURE PATTERNS SAME KC83 78.5, KSCK 33.2 RA = 49.75 FT.																
		(S) SALS																								
		MALS																								
		HIRL																								
		X		MIRL 05 (PCL), 12 (PCL), 23 (PCL), 30 (PCL)																						
		X		REIL 30 (PCL)																						
				TDZ																						
				C/LINE																						
X		OTHER (SPECIFY) PAPI-2L 23, 30																								
6. RUNWAY MARKINGS		BASIC BSC-G 05, 23								LPV SURFACE: 34:1  VEGETATION: 100' ALL AREAS																
		ALL WEATHER																								
		INSTRUMENT NPI-G 12, 30																								
7. RUNWAY VISUAL RANGE		APPROACH																								
		MIDFIELD																								
		ROLL OUT																								
8. GLIDE PATH		GP ANGLE: 3.50				ELEV RWY THRESHOLD:48.4																				
		DISTANCE FROM RWY:				ELEV GP ANTENNA:																				
						THRESHOLD CROSSING HEIGHT:30.8																				
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD				FT. FROM THRESHOLD																
				X		ON CENTERLINE				FT. FROM CENTERLINE																
10. WAIVERS: 1 ORDER 8260.3C, VOLUME 1, PARAGRAPH 2-6-2C; TABLE 2-6-1 CAT D MAXIMUM ANGLE 3.10.																										
PART D - PREPARED BY: DAVID TEFFETELLER (KWEKU DONKOR)										DATE: 08/17/2017																
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5433																

