

**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
GCN VOR/DME	CARMS (TF) (FO) (RNP 2.00)	208.33 / 12.00	9000	LPV: DA LNAV/VNAV: DA LNAV: RW03
BISOP	SAVRE (TF) (FB) (RNP 2.00)	352.03 / 6.82	10000	
SAVRE (IAF)	CARMS (NOPT) (TF) (FB) (RNP 1.00)	029.49 / 8.62	9000	CLIMB TO 7000 THEN CLIMBING LEFT TURN TO 9000 DIRECT CARMS AND HOLD.
GUCRU (IAF)	CARMS (NOPT) (TF) (FB) (RNP 1.00)	119.49 / 8.17	9000	
CARMS (IF/IAF) (SEE FORM 8260-10)	HAPLY (TF) (FB) (RNP 1.00)	029.57 / 5.81	8200	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 6709 TREE 355631N/1121008W DISTANCE TO THLD FROM 241 HAT: 0.65 NM. CHART VDP AT 1.15 NM TO RW03* *LNAV ONLY. WAAS CHANNEL # 86340 REFERENCE PATH ID: W03A CHART CIRCLING ICON. LTP HAE: 1968.3 M

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW CARMS, RT, 029.57 INBOUND, 9000 FT. IN LIEU OF PT (IAF)
3. FAC: 029.61 FAF: HAPLY DIST FAF TO MAP: 5.05 THLD: 5.05
4. MIN. ALT: CARMS 9000, HAPLY 8200
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 8200 GS ALT AT: HAPLY 8200 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS CLEAR
8. MSA FROM: RW03 10500

MAG VAR: 11E EPOCH YEAR: 2020

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	6797	3/4	241	6797	3/4	241	6797	3/4	241	6797	3/4	241			
LNAV/VNAV DA	6981	1 1/2	425	6981	1 1/2	425	6981	1 1/2	425	6981	1 1/2	425			
LNAV MDA	6960	1	404	6960	1	404	6960	1 1/8	404	6960	1 1/8	404			
CIRCLING	7140	1 1/4	531	7200	1 1/2	591	7280	3	671	7620	3	1011			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 44C @ CAT C 800-3, CAT D 1100-3 (111F).
CHART NOTE: DME/DME RNP-0.3 NA.



CITY AND STATE GRAND CANYON, AZ	ELEVATION: 6609 TDZE: 6556 AIRPORT NAME: GRAND CANYON NATIONAL PARK	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1 27 APRIL 2017	SUP: AMDT: ORIG-B DATED 04/28/2016
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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>
HAPLY (FAF)	RW03 (MAP) (TF) (FO) (RNP 0.30)	029.61 / 5.05	
RW03 (MAP)	7000 MSL	029.61	7000
7000 MSL	CARMS (DF) (FO)		9000

QUALITY
10
CHECKED

CITY AND STATE GRAND CANYON, AZ	ELEVATION: 6609 TDZE: 6556	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1 27 APRIL 2017	SUP: ORIG-B
	AIRPORT NAME: GRAND CANYON NATIONAL PARK			AMDT: ORIG-B
				DATED: 04/28/2016

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGCN
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	355634.7375N
LTP/FTP LONGITUDE	1120924.7015W
LTP/FTP ELLIPSOIDAL HEIGHT	+19683
FPAP LATITUDE	355742.4305N
FPAP LONGITUDE	1120813.2025W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER BBC64FCA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+19913
FPAP ORTHOMETRIC HEIGHT	+19913

QUALITY
10
CHECKED

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	AIRPORT NAME: GRAND CANYON NATIONAL PARK				AMDT: ORIG-B
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