

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: RW21									
DAYEL (IAF)			EBANE (NOPT) (FB)			116.86 / 7.24			6400		CLIMB TO 5800 DIRECT ZIGIP AND ON TRACK 294.53 TO TALLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5800.									
CALOK (IAF)			EBANE (NOPT) (FB)			297.01 / 6.61			6400											
EBANE (IF/IAF)			WASTO (FB)			206.94 / 6.25			5400											
WASTO			JAPON (FB)			206.91 / 5.63			3700											
JAPON			GAGEY (FB)			206.89 / 3.00			3100											
GAGEY (FAF)			NARIE/2.90 NM TO RW21 (FB)			206.88 / 3.69					ADDITIONAL FLIGHT DATA: HOLD NW, RT, 114.33 INBOUND. CHART FAS OBST: 1079 TREE 343639N/0831703W 1980 AAO 344200N/0831549W. DISTANCE TO THLD FROM 250 HAT: 0.68 NM. ← CHART VDP AT 1.75 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 61005 REFERENCE PATH ID: W21A CHART CIRCLING ICON LTP HAE: 264.8 M									
(SEE FORM 8260-10)																				
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 6W EPOCH YEAR: 2015										
2. HOLD NE EBANE, LT, 206.94 INBOUND, 6400 FT. IN LIEU OF PT (IAF)																				
3. FAC: 206.88 FAF: GAGEY DIST FAF TO MAP: 6.59 THLD: 6.59																				
4. MIN. ALT: EBANE 6400, WASTO 5400, JAPON 3700, GAGEY 3100, NARIE/2.90 NM TO RW21 1920*																				
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:																				
6. MIN GS INCPT: 3100 GS ALT AT: GAGEY 3100, GAGEY OM: MM: IM:																				
7. GS ANGLE: 3.00 TCH: 32.7 34:1 IS NOT CLEAR																				
8. MSA FROM: RW21 6800																				
MINIMUMS																				
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A X		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	1230	1	250	1230	1	250	1230	1	250	1230	1	250	←							
LNAV/VNAV DA	1395	1 1/2	415	1395	1 1/2	415	1395	1 1/2	415	1395	1 1/2	415								
LNAV MDA	1560	1	580	1560	1	580	1560	1 5/8	580	1560	1 5/8	580								
CIRCLING	1720	1	724	1720	1	724	1760	2 1/4	764	2480	3	1484								
NOTES: CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GAINESVILLE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -8C (18F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DAYEL ON V222 NORTHEAST BOUND. (SEE FORM 8260-10)																				
CITY AND STATE TOCCOA, GA			ELEVATION: 996 TDZE: 980 AIRPORT NAME: TOCCOA RG LETOURNEAU FIELD				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 10 DECEMBER 2015				SUP: RNAV (GPS) RWY 21 AMDT: 1B DATED 09/18/2014							

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RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33																													
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CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CALOK ON V54 WESTBOUND.																													
*LNAV ONLY																													
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE GAINESVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 1345 FEET, LNAV/VNAV DA TO 1510 FEET , AND ALL MDA 120 FEET, INCREASE LPV AND LNAV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE. INCREASE CIRCLING CATS A/B/C VISIBILITY 1/4 MILE.																													
QUALITY 4 REC'D																													
CITY AND STATE	ELEVATION: 996	TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:																									
TOCCOA, GA	AIRPORT NAME:		RNAV	RNAV (GPS) RWY 21, AMDT 2																									
	TOCCOA RG LETOURNEAU FIELD			10 DECEMBER 2015																									
			SUP:	RNAV (GPS) RWY 20																									
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**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	KTOC
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	343551.8205N
LTP/FTP LONGITUDE	0831742.2255W
LTP/FTP ELLIPSOIDAL HEIGHT	+02648
FPAP LATITUDE	343428.4140N
FPAP LONGITUDE	0831820.6295W
THRESHOLD CROSSING HEIGHT (TCH)	00032.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 7586655B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02951
FPAP ORTHOMETRIC HEIGHT	+02951

QUALITY
4
CHECKED

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				AMDT: 1B
				DATED: 09/18/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - 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.
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ARINC SUMMARY - KTOC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
CALOK	010	CALOK	IF	FB										E A
CALOK	020	EBANE	TF	FB	1.0	297.0						AA 06400		EE B
DAYEL	010	DAYEL	IF	FB										E A
DAYEL	020	EBANE	TF	FB	1.0	116.9						AA 06400		EE B
EBANE	010	EBANE	HF	FO		206.9			L			AA 06400		EE A
	010	EBANE	IF	FB								AA 06400		E I
	011	WASTO	TF	FB	0.5	206.9						AA 05400		E
	012	JAPON	TF	FB	0.5	206.9						AA 03700		E
	020	GAGEY	TF	FB	0.5	206.9				RW21		AA 03100		E F
	021	NARIE	TF	FB	0.3	206.9		3.00				AA 01920 GS 01932		E S
	030	RW21	TF	FO	0.3	206.9		3.00				AT 01001		GY M
	040		CA	FB		206.9						AA 01242		M
	050	ZIGIP	DF	FB										E
	060	TALLE	TF	FO	1.0	294.5						AA 05800		EY
	070	TALLE	HM	FO		114.3			R			AA 05800		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CALOK	N345335.17	W0830054.50
DAYEL	N345832.45	W0831638.04
EBANE	N345557.30	W0830824.58
GAGEY	N344201.96	W0831451.52
JAPON	N344450.41	W0831333.67
NARIE	N343834.69	W0831627.17
TALLE	N343748.05	W0834048.64
WASTO	N345006.46	W0831107.38
ZIGIP	N343155.96	W0831930.94

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW21	N343551.82	W0831742.23	00968	33

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