

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE 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.							
TERMINAL ROUTES										MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
LINCO	STANN (FB)	090.03 / 14.38	4000	LPV: DA LNAV: RW21 CLIMB TO 3200 DIRECT WADAV AND VIA 263.71 TRACK TO GAFFE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 260.66 INBOUND. CHART FAS OBST: 890 TREE 351215N/0810907W WAAS CHANNEL # 50402 REFERENCE PATH ID: W21A DISTANCE TO THLD FROM 313 HAT: 0.91 NM											
STANN (IAF)	CUKNA (FB)	158.33 / 6.86	3400												
CUKNA (IF)	ZURIM (FB)	214.39 / 6.10	2300												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CUKNA 3. FAC: <u>214.36</u> FAF: <u>ZURIM</u> DIST FAF TO MAP: <u>4.58</u> THLD: <u>4.58</u> 4. MIN. ALT: <u>CUKNA 3400, ZURIM 2300</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2300</u> GS ALT AT: <u>ZURIM</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW21 3800</u>										MAG VAR: 6W EPOCH YEAR: 2000					
MINIMUMS															
TAKEOFF:	STANDARD	X	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	1111	1 1/4	313	1111	1 1/4	313	1111	1 1/4	313		NA				
LNAV MDA	1420	1	622	1420	1	622	1420	1 3/4	622		NA				
CIRCLING	1500	1	702	1500	1	702	1500	2	702		NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING AND INCREASE ALL DA/MDAS 40 FEET.															
CITY AND STATE				ELEVATION: 798 TDZE: 798		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:				SUP:			
GASTONIA, NC				AIRPORT NAME: GASTONIA MUNI		RNAV		RNAV (GPS) RWY 21, ORIG-A AUG 30 2007				AMDT: ORIG			
												DATED 01/18/2007			

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAKH
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	351225.0700N
LTP/FTP LONGITUDE	0810849.2865W
LTP/FTP ELLIPSOIDAL HEIGHT	+02070
FPAP LATITUDE	351106.5100N
FPAP LONGITUDE	0810940.8700W
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	1632
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F1D3F644

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02381
FPAP ORTHOMETRIC HEIGHT	+02381

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAKHK7FR21	ALINCO	010LINCOK7EA0E		IF					18000		A JS	
SUSAP	KAKHK7FR21	ALINCO	020STANNK7EA0E	A	020TF		09000144		+ 04000			A JS	
SUSAP	KAKHK7FR21	ALINCO	030CUKNAK7EA0EE		010TF		15830069		+ 03400			A JS	
SUSAP	KAKHK7FR21	R	010CUKNAK7EA0E	I	IF				+ 03400	18000		A JS	
SUSAP	KAKHK7FR21	R	020ZURIMK7EA0E	F	051TF		21440061		+ 02300		RW21	K7PGA JS	
SUSAP	KAKHK7FR21	R	030RW21	K7PGOGY	M	031TF	21440046		00821		-300	A JS	
SUSAP	KAKHK7FR21	R	040WADAVK7EA0E		010DF							A JS	
SUSAP	KAKHK7FR21	R	050GAFFEK7EA0EY		010TF		2637		+ 03200			A JS	
SUSAP	KAKHK7FR21	R	060GAFFEK7EA0EE		HR020HM		26070050		+ 03200			A JS	

[illegible][illegible]

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	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KAKHK7SRW21 K7PG				0	25180038			M					

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LINCO	LINCO	010		IF		FB				
	LINCO	STANN	020	IAF	TF		FB	2.0	090.0 (084T)	014.4	04000
	LINCO	CUKNA	030		TF		FB	1.0	158.3 (152T)	006.9	03400
		CUKNA	010	FACF	IF		FB				03400
		ZURIM	020	FAF	TF		FB	0.5	214.4 (208T)	006.1	02300
		RW21	030	MAP	TF		FO	0.3	214.4 (208T)	004.6	00821

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WADAV	040		DF		FB	1.0			
	GAFFE	050		TF		FO	1.0	263.7 (258T)		03200
	GAFFE	060		HM	R	FO	2.0	260.7 (255T)	005.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUKNA	N352150.04	W0810237.36	N3521.834	W08102.623
	GAFFE	N350538.90	W0813323.92	N3505.648	W08133.399
	LINCO	N352626.27	W0812401.66	N3526.438	W08124.028
	STANN	N352754.93	W0810630.93	N3527.916	W08106.516
	WADAV	N350946.44	W0811033.42	N3509.774	W08110.557
	ZURIM	N351627.42	W0810609.95	N3516.457	W08106.166
	RW21	N351225.07	W0810849.29	N3512.418	W08108.822

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00781	40

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