

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									
LOCKS	NOKNE (FB)	153.64 / 16.79	2500	LPV: DA LNAV/VNAV: DA LNAV: RW06  CLIMB TO 2500 DIRECT SAPSE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NE, RT, 245.63 INBOUND. CHART FAS OBST: 750 TOWER 344301N/0805407W CHART FAS OBST: 640 TANK 344213N/0805222W CHART 694 ELEVATOR 344110N/0805653W. CHART GAMECOCK 1 MOA. DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.36 MILES TO RW06* *LNAV ONLY. WAAS CHANNEL # 86816 REFERENCE PATH ID: W06A								
GREAT	MITVE (FB)	011.10 / 5.65	2500									
NOKNE (IAF)	CORON (NOPT) (FB)	155.43 / 5.00	2200									
MITVE (IAF)	CORON (NOPT) (FB)	335.49 / 5.00	2200									
CORON (IF/IAF)	LAPRE (FB)	065.40 / 6.10	2100									
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SW CORON, RT, 065.40 INBOUND, 2200 FT. IN LIEU OF PT (IAF) 3. FAC: <u>065.46</u> FAF: <u>LAPRE</u> DIST FAF TO MAP: <u>4.94</u> THLD: <u>4.94</u> 4. MIN. ALT: <u>CORON 2200, LAPRE 2100</u> 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>LAPRE</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>47.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW06 2300</u>				MAG VAR: 7W 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
LPV DA	670	3/4	200	670	3/4	200	670	3/4	200	670	3/4	200
LNAV/VNAV DA	993	2	523	993	2	523	993	2	523	993	2	523
LNAV MDA	940	1	470	940	1	470	940	1 1/4	470	940	1 1/2	470
CIRCLING	1040	1	554	1040	1	554	1060	1 1/2	574	1080	2	594
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 24 NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING ROCK HILL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 486 TDZE: 470		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
LANCASTER, SC		AIRPORT NAME: LANCASTER COUNTY-MC WHIRTER FIELD				RNAV (GPS) RWY 6, AMDT 1 17 DEC 2009		AMDT: ORIG				
								DATED 08/08/2005				

QUALITY  
2  
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## NOTES CONT.

## \*RNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCK HILL ALTIMETER SETTING AND INCREASE LPV DA 69 FEET, RNAV/VNAV DA 98 FEET AND ALL MDA 80 FEET, AND INCREASE LPV, RNAV/VNAV ALL CATS, RNAV AND CIRCLING CATS C AND D VISIBILITIES 1/4 MILE.

CHART NOTE: VDP NA WHEN USING ROCK HILL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GREAT VIA V37 SOUTHBOUND.

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KLKR  
RUNWAY RW06  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W06A  
LTP/FTP LATITUDE 344307.4920N  
LTP/FTP LONGITUDE 0805146.1150W  
LTP/FTP ELLIPSOIDAL HEIGHT +01097  
FPAP LATITUDE 344354.1000N  
FPAP LONGITUDE 0805013.9400W  
THRESHOLD CROSSING HEIGHT (TCH) 00047.1  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 0952  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

DCA98EEE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7  
LTP ORTHOMETRIC HEIGHT +01401  
FPAP ORTHOMETRIC HEIGHT +01401

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLKRK7FR06	ACORON	010CORONK7EA0EE	AR	HF		06540040	+	02200	18000		A	JS
SUSAP	KLKRK7FR06	AGREAT	010GREATK7EA0E		IF					18000		A	JS
SUSAP	KLKRK7FR06	AGREAT	020MITVEK7EA0E	A	020TF		01110057	+	02500			A	JS
SUSAP	KLKRK7FR06	AGREAT	030CORONK7EA0EE		010TF		33550050	+	02200			A	JS
SUSAP	KLKRK7FR06	ALOCKS	010LOCKSK7EA0E		IF					18000		A	JS
SUSAP	KLKRK7FR06	ALOCKS	020NOKNEK7EA0E	A	020TF		15360168	+	02500			A	JS
SUSAP	KLKRK7FR06	ALOCKS	030CORONK7EA0EE		010TF		15540050	+	02200			A	JS
SUSAP	KLKRK7FR06	R	010CORONK7EA0E	I	IF			+	02200	18000		A	JS
SUSAP	KLKRK7FR06	R	020LAPREK7EA1E	F	051TF		06540061	+	02100		RW06	K7PGA	JS
SUSAP	KLKRK7FR06	R	020LAPREK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KLKRK7FR06	R	030RW06	K7PGOGY	M	031TF	06550049		00507	-300		A	JS
SUSAP	KLKRK7FR06	R	040SAPSEK7EA0EYM		010DF			+	02500			A	JS
SUSAP	KLKRK7FR06	R	050SAPSEK7EA0EE		R020HM		24560040	+	02500			A	JS

[illegible]

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CITY AND STATE  LANCASTER, SC	ELEVATION: 486 TDZE: 470  AIRPORT NAME:  LANCASTER COUNTY-MC WHIRTER FIELD	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 6, AMDT 1  17 DEC 2009	SUP:
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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	-----												
	SUSAP KLK7R06	RW06 001	0000W06A0N3443074920W08051461150+010970300N3443541000W08050139400106750952000471F400350DCA98EEE										
	SUSAP KLK7R06	RW06 002E	+01401+01401LPV	86816									
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	-----												
	SUSAP KLK7SRW06 K7PG	0	18018002325									M	

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CORON	CORON	010	IAF	HF	R	FO		065.4 (058T)	004.0	02200
	GREAT	GREAT	010		IF		FB				
	GREAT	MITVE	020	IAF	TF		FB	2.0	011.1 (004T)	005.7	02500
	GREAT	CORON	030		TF		FB	1.0	335.5 (329T)	005.0	02200
	LOCKS	LOCKS	010		IF		FB				
	LOCKS	NOKNE	020	IAF	TF		FB	2.0	153.6 (147T)	016.8	02500
	LOCKS	CORON	030		TF		FB	1.0	155.4 (148T)	005.0	02200
		CORON	010	FACF	IF		FB				02200
		LAPRE	020	FAF	TF		FB	0.5	065.4 (058T)	006.1	02100
		RW06	030	MAP	TF		FO	0.3	065.5 (059T)	004.9	00507

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SAPSE	040		DF		FO	1.0			02500
	SAPSE	050		HM	R	FO	2.0	245.6 (239T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CORON	N343720.37	W0810310.55	N3437.340	W08103.176
	GREAT	N342725.57	W0810029.88	N3427.426	W08100.498
	LAPRE	N344032.45	W0805652.28	N3440.541	W08056.871
	LOCKS	N345539.79	W0811732.69	N3455.663	W08117.545
	MITVE	N343304.22	W0810000.56	N3433.070	W08100.009
	NOKNE	N344136.44	W0810620.86	N3441.607	W08106.348
	SAPSE	N344921.71	W0803924.05	N3449.362	W08039.401
	RW06	N344307.49	W0805146.12	N3443.125	W08051.769

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW06	00460	47

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