Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/15/2012	Task #: 2011110428767901033	Request #: 20111104287679
Procedure: RNAV (GPS) RWY 5 AMDT 0B		Airport ID: KLAL	Airport: LAKELAND LINDER RGNL		Reimbursable #:
City: LAKELAND	ST: FL	GPS #:		Estimated Chart Date: 01/10/2013	FICO #:
Fac ID: RNAV	Fac. Type: LPV	Specialist: CHRISTOPHER COX			

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	06/14/2012	09/20/2012	MARLON ROBINSON	
QA:	09/20/2012	10/03/2012	STEVEN SZUKALA	
Liaison:	10/03/2012		Spurlin	REQUEST POSSIBLE TABLE TOP REVIEW

Procedure Comments:

Remark Type: INFORMATION

page 3 of 7

LAKELAND, FL LAKELAND LINDER RGNL (KLAL) RNAV (GPS) RWY 5, ORIG-B (LPV) ENROUTE-NO FC: 11.13.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036 / 405.954.3636.

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IPUNE (IAF)	ZUXON (NOPT) (FB)	138.75 / 5.00	2700
SANOY (IAF)	ZUXON (NOPT) (FB)	318.81 / 5.00	2700
ZUXON (IF/IAF)	BIYAT (FB)	048.78 / 6.10	1700
BIYAT (FAF)	RW05 (MAP) (FO)	048.82 / 4.69	
RW05 (MAP)	330 MSL	048.82	
330 MSL	OBTOQ (FB)		
OBTOQ	PLUMY (FO)	311.01 / 12.17	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 2000 DIRECT OBTOQ AND LEFT TURN ON TRACK 311.01 TO PLUMY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW ZUXON, RT, 048.78 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 048.82 FAF: BIYAT DIST FAF TO MAP: 4.69 THLD: 4.69
4. MIN. ALT: ZUXON 2700, BIYAT 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: BIYAT 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.4 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 241.00 INBOUND.
CHART FAS OBST: 197 TREE 275835N/0820146W
CHART LAKE PLACID MOA.
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 1.17 MILES TO RW05*
*LNAV ONLY.
WAAS CHANNEL # 42805
REFERENCE PATH ID: W05A
LTP HAE: 13.9 M

MAG VAR: 4W EPOCH YEAR: 2000

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	330	1/2	200	330	1/2	200	330	1/2	200	330	1/2	200			
LNAV/VNAV DA	499	3/4	369	499	3/4	369	499	3/4	369	499	3/4	369			
LNAV MDA	560	1/2	430	560	1/2	430	560	3/4	430	560	1	430			
CIRCLING	600	1	458	660	1	518	660	1 1/2	518	700	2	558			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PLANT CITY ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FT AND LNAV CAT C/D VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 142 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LAKELAND, FL	AIRPORT NAME: LAKELAND LINDER RGNL	RNAV	RNAV (GPS) RWY 5, ORIG-B	AMDT: ORIG-A
				DATED 12/15/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X KLAL ARPT MGR, KLAL ATCT, KTPA ATCT, ZMA

FLIGHT CHECKED BY		
NAME: THOMAS ERVIN PAGE	FIFO FIOG	DATE: 08/31/2007

DEVELOPED BY		
NAME: CHRISTOPHER COX	FIFO AJV-352	DATE: 08/17/2012

APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE:

CHANGES:

1. UPDATED BACKUP ALTIMETER NOTE FROM (WHEN CONTROL TOWER CLOSED, USE PLANT CITY MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 20 FEET AND LNAV CAT C VISIBILITY TO 3/4 MILE.) TO (WHEN LOCAL ALTIMETER NOTE RECEIVED, USE PLANT CITY MUNI ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FT AND LNAV CAT C VISIBILITY 1/8 MILE.)
2. UPDATED MALSR INOP NOTES
3. UPDATED BARO/VNAV CRITICAL HIGH TEMPS FROM 48C(118F) TO 54C(130F)
4. INCREASE LNAV MDA FROM 540 TO 560
5. CHANGE ALL HEIGHT REFERENCES FROM TDZE 136 TO THLD ELEVATION 130
6. VDP WAS 1.05 NM TO RW05, IS 1.17 NM TO RW05.

REASONS:

1. 24 HR LOCAL ALTIMETER SOURCE ON AIRPORT ON SERVICE A
2. COMPARED AND DOCUMENTED VISIBILITY VALUES IAW TABLE 3-5A, 3-6, 3-7 IN THE 8260.3B VOL2 CH3
3. AFS LOW/HIGH TEMP LIMIT FOR BARO-VNAV CALCULATOR
4/6. NEW FINAL CONTROLLING OBSTACLE PLACEMENT IAW 8260.19E PAR 274 THAT FORCES THE PLACEMENT OF 200' AAO'S IN THE FINAL SEGMENT
5. IAW 8260.3B VOL2, CH3, WHICH STATES ALL HEIGHT REFERENCES ARE FROM THE THLD

QUALITY CHECKED

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NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C VISIBILITY TO 1 1/4 MILES.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PLANT CITY ALTIMETER SETTING, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILES.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PLANT CITY ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	319/30 CW 139/30 (NOPT)	319/20 CW 139/20	2800
2.	319/20 CW 139/20	ZUXON (IF/IAF) (FB)	2700
3.	139/30 CW 229/30	IPUNE (IAF) (FB)	2700
4.	229/30 CW 319/30	SANOY (IAF) (FB)	2700

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 142 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAKELAND, FL	AIRPORT NAME: LAKELAND LINDER RGNL	RNAV	RNAV (GPS) RWY 5, ORIG-B	AMDT: ORIG-A
				DATED: 12/15/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAL
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	275900.3890N
LTP/FTP LONGITUDE	0820113.3830W
LTP/FTP ELLIPSOIDAL HEIGHT	+00139
FPAP LATITUDE	280003.7300N
FPAP LONGITUDE	0820002.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
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)	35.0
CRC REMAINDER	CE879DA6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00396
FPAP ORTHOMETRIC HEIGHT	+00396

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 142 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAKELAND, FL	AIRPORT NAME: LAKELAND LINDER RGNL	RNAV	RNAV (GPS) RWY 5, ORIG-B	AMDT: ORIG-A
				DATED: 12/15/2011

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BIYAT K70    W     N27554022W082045752                      W0054     NAR           BIYAT
        SUSAEAENRT   IPUNE K70    W     N27545172W082134888                      W0053     NAR           IPUNE
        SUSAEAENRT   OBTOQ K70    W     N28025497W081565031                      W0055     NAR           OBTOQ
        SUSAEAENRT   PLUMY K70    C   L N28101523W082074994                      W0054     NAR           PLUMY
        SUSAEAENRT   SANOY K70    W     N27474794W082054838                      W0053     NAR           SANOY
        SUSAEAENRT   ZUXON K70    W     N27511989W082094850                      W0053     NAR           ZUXON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLALK7ALAL     0     084YHN27592010W082010680W004000142         1800018000C    MNAR    LAKELAND LINDER RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLALK7FR05   AIPUNE 010IPUNEK7EA0E  A    IF                                          18000                A JS
        SUSAP KLALK7FR05   AIPUNE 020ZUXONK7EA0EE B 010TF                    13880050    + 02700                        A JS
        SUSAP KLALK7FR05   ASANOY 010SANOYK7EA0E  A    IF                                          18000                A JS
        SUSAP KLALK7FR05   ASANOY 020ZUXONK7EA0EE B 010TF                    31880050    + 02700                        A JS
        SUSAP KLALK7FR05   AZUXON 010ZUXONK7EA0EE AR   HF                    04880050    + 02700     18000              A JS
        SUSAP KLALK7FR05   R      010ZUXONK7EA0E  I    IF                                + 02700     18000              A JS
        SUSAP KLALK7FR05   R      020BIYATK7EA1E  F 051TF                    04880061    + 01700                        A JS
        SUSAP KLALK7FR05   R      020BIYATK7EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KLALK7FR05   R      030RW05 K7PG0GY M 031TF                    04880047      00186             -300        A JS
        SUSAP KLALK7FR05   R      040         0  M     CA                    0488        + 00330                        A JS
        SUSAP KLALK7FR05   R      050OBTOQK7EA0E       DF                                                               A JS
        SUSAP KLALK7FR05   R      060PLUMYK7EA0EY  L010TFY                   3110        + 02000                        A JS
        SUSAP KLALK7FR05   R      070PLUMYK7EA0EE  R   HM                    24100040    + 02000                        A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLALK7GRW05    0050050489 N27590039W082011338+0200    +0013900130000056150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLALK7PR05   RW05 001 0000W05A0N2759003890W08201133830+001390300N2800037300W082000239001067512240005 64F400350CE879DA6
        SUSAP KLALK7PR05   RW05 002E      +00396+00396LPV       42805
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 142 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKELAND, FL	AIRPORT NAME: **LAKELAND LINDER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, ORIG-B**	AMDT: **ORIG-A**
				DATED: **12/15/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER ☐ (specify) _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IPUNE	IPUNE	010	IAF	IF		FB					
	IPUNE	ZUXON	020		TF		FB	1.0	138.8(134.8T)	005.0	AA 02700	
	SANOY	SANOY	010	IAF	IF		FB					
	SANOY	ZUXON	020		TF		FB	1.0	318.8(314.8T)	005.0	AA 02700	
	ZUXON	ZUXON	010	IAF	HF	R	FO		048.8(044.8T)	005.0	AA 02700	
		ZUXON	010	FACF	IF		FB				AA 02700	
		BIYAT	020	FAF	TF		FB	0.5	048.8(044.8T)	006.1	AA 01700	
		RW05	030	MAP	TF		FO	0.3	048.8(044.8T)	004.7	AT 00186	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		048.8(044.8T)		AA 00330	
	OBTOQ	050		DF		FB					
	PLUMY	060		TF	L	FO	1.0	311.0(307.0T)		AA 02000	
	PLUMY	070		HM	R	FO		241.0(237.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIYAT	N275540.22	W0820457.52	N2755.670	W08204.959
	IPUNE	N275451.72	W0821348.88	N2754.862	W08213.815
	OBTOQ	N280254.97	W0815650.31	N2802.916	W08156.839
	PLUMY	N281015.23	W0820749.94	N2810.254	W08207.832
	SANOY	N274747.94	W0820548.38	N2747.799	W08205.806
	ZUXON	N275119.89	W0820948.50	N2751.332	W08209.808
	RW05	N275900.39	W0820113.38	N2759.007	W08201.223

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00130	56

QUALITY CHECKED

CITY AND STATE	ELEVATION: 142 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAKELAND, FL	AIRPORT NAME: **LAKELAND LINDER RGNL**	**RNAV**	**RNAV (GPS) RWY 5, ORIG-B**	AMDT: **ORIG-A**
				DATED: **12/15/2011**

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	319/30 CW 139/30	319/20 CW 139/20	1. TOWER (12-002454)	272431.15N/0821459.32W	1749 (3C)	1000		2800
			2. TERRAIN	273345.00N/0814915.00W	132 (100)		AS1500	1600
STRAIGHT-IN AREA	319/20 CW 139/20	ZUXON	3. TOWER (12-004235)	275051.46N/0821549.39W	1648 (5D)	1000		2700
			4. TERRAIN	274918.00N/0820406.00W	161 (200)		AS1500	1700
LEFT BASE AREA	139/30 CW 229/30	IPUNE	5. TOWER (12-002037)	281237.40N/0820257.47W	726 (1A)	1000	AT974	2700
			6. TERRAIN	282539.00N/0821554.00W	299 (300)		AS1500	1800
RIGHT BASE AREA	229/30 CW 319/30	SANOY	7. TOWER (12-002139)	275016.00N/0815652.00W	1242 (5D)	1000	AT458	2700
			8. TERRAIN	275609.00N/0813439.00W	296 (300)		AS1500	1800
INITIAL	IPUNE	ZUXON	3. TOWER (12-004235)	275051.46N/0821549.39W	1648 (5D)	1000		2700
			9. TERRAIN	275050.00N/0821032.00W	110 (100)		AS1500	1600
INITIAL	SANOY	ZUXON	10. TOWER (12-004780)	274556.06N/0820900.39W	367 (2C)	1000	AT1333	2700
			11. TERRAIN	274930.00N/0820406.00W	158 (200)		AS1500	1700
INTERMEDIATE	ZUXON (IF/IAF)	BIYAT	12. TOWER (12-001276)	275255.94N/0820652.67W	395 (1A)	500	AT805	1700
			13. TERRAIN	275600.00N/0820600.00W	138 (100)		AS1500	1600
2. HOLD-IN-LIEU-OF-PT	ZUXON	P-5	3. TOWER (12-004235)	275051.46N/0821549.39W	1648 (5D)	1000		2700
			16. TERRAIN	274915.00N/0820430.00W	158 (200)		AS1500	1700
3. MISSED APPROACH — MAP:	DA / DA / RW05	PLUMY				ASC		2000
			17. TOWER (12-001127)	280447.00N/0820226.00W	629 (5E)	1000		1700
ELEV:	165/228/270		18. TERRAIN	280518.00N/0815851.00W	270 (300)		AS1500	1800
			19. TANK (12-023267)	275827.38N/0820038.43W	288 (1A)	300		600
			20. TOWER (12-004824)	280056.98N/0815958.49W	292 (5D)	300	AC50	660
			20. TOWER (12-004824)	280056.98N/0815958.49W	292 (5D)	300	AC50	660
			21. TOWER (12-005041)	280137.65N/0820055.48W	321 (1A)	300	HAA	700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL	
CATEGORY A	1.3 NM	350		458
CATEGORY B	1.5 NM	450		518
CATEGORY C	1.7 NM	450		518
CATEGORY D	2.3 NM	550		558
CATEGORY E	4.5 NM	550		

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 142 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LAKELAND, FL	LAKELAND LINDER RGNL	RNAV	RNAV (GPS) RWY 5, ORIG-B	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
TPA APP CON ZMA ARTCC LAL TOWER		N W S	OTHER: AWOS-3	SOURCE: KLAL / KPCM
		F A A		DISTANCE: 0 / 7.72
		A / C		HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON: X V H F X U H F H F	LOCATION: KLAL			ADJUSTMENT: 0 / 20

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 05 (PCL), 09 (PCL)
	X	HIRL 27 (PCL), 05 (PCL), 23 (PCL), 09 (PCL)
		MIRL
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4R 27 (PCL), 09 PAPI-4L 05 (PCL), 23 (PCL)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	PIR-G 05; -F 09
	INSTRUMENT	NPI-G 27; -F 23
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 130.0
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 56.4

9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: CHRISTOPHER COX	DATE: 08/17/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

3. ALTIMETER SETTING
KLAL IS ON SERVICE A. KPCM IS ON SERVICE A.

VGSI DATA: 3.00/56

RASS (PRESSURE PATTERNS ARE THE SAME)
KLAL: 142.0 MSL
KPCM: 153.8 MSL

LPV SURFACES:
INNER SURFACE - 27.03:1
OUTER SURFACE - 34:1

LNAV/VNAV SURFACES:
INNER SURFACE - 23.4:1
OUTER SURFACE - 34:1

LNAV/VNAV ISA DEVIATION = -30

QUALITY 4 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LPV	BIYAT	RW05				ASC		330/200
FINAL: LNAV/VNAV	BIYAT	RW05	14. TREE (KLAL0021)	275834.78N/0820145.54W	197 (1A)	23.4:1	MA36	499/369
FINAL: LNAV	BIYAT	RW05	15. AAO	275615.00N/0820424.00W	305 (4C)	250		560

3. MISSED APPROACH	
MAP:	
ELEV:	

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	
CATEGORY B	1.5 NM	450	
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

CITY AND STATE	ELEVATION: 142 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
LAKELAND, FL	LAKELAND LINDER RGNL	RNAV	RNAV (GPS) RWY 5, ORIG-B	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS: