

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> LUL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> LAUREL	<u>STATE</u> MS
<u>AIRPORT ELEVATION</u> 238	<u>TDZE</u> 238	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>DATED</u> 10/08/2020	<u>MAG VAR</u> 0E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 045/30 CW 245/30	NOPT	045/4 CW 245/4		2700
2. 045/4 CW 245/4		TUGKU	IF/IAF	2000
3. 245/30 CW 045/30		245/4 CW 045/4		2700
4. 245/4 CW 045/4		TUGKU	IF/IAF	2000

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
TUGKU	IF/IAF	EKLOW		TF	FB	1.00	134.73	8.00	2000
EKLOW	FAF	RW13	MAP	TF	FO	0.30	134.79	5.44	
RW13	MAP	488 MSL		CA			134.79		
488 MSL		IPAXE		DF	FO	1.00			2000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 DIRECT IPAXE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD NW TUGKU, RT, 134.73 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	134.79	FAF:	EKLOW	DIST FAF TO MAP:	5.44	DIST FAF TO THLD:	5.44							
4.	MIN ALT:	TUGKU 2000, EKLOW 2000													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.69	GS ANT:				
6.	MIN GP INCPT:	2000	GP ALT AT PFAF:	EKLOW 2000											
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	40.0							
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART VDP: 1.66 NM TO RW13.
HOLD SE, RT, 314.94 INBOUND.
CHART FAS OBST: 547 TOWER (28-023526) 314312N/0891330W.
WAAS CHANNEL # 45704
REFERENCE PATH ID: W13A
CHART CIRCLING ICON.
LTP HAE: 43.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/4, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	488	1	250	488	1	250	488	1	250	488	1	250			
LNAV/VNAV DA	759	1 3/4	521	759	1 3/4	521	759	1 3/4	521	759	1 3/4	521			
LNAV MDA	800	1	562	800	1	562	800	1 5/8	562	800	2	562			
CIRCLING	800	1	562	800	1	562	1040	2 1/4	802	1060	2 3/4	822			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMENDMENT 1B INTO FORM – IAW 8260-19J PARA 8-3-4.C (3).
2. TERMINAL ROUTES: REMOVED SEGMENT "EKLOW TO OCOJY/1.80 NM TO RW13" - SDF REMOVED DUE TO NEW CONTROLLING OBS, 840 FT SDF DOES NOT CLEAR REQUIRED ALTITUDE AT TERMINATION FIX.
3. TERMINAL ROUTES: UPDATED SEGMENT FROM "OCOJY/1.80 NM TO RW13" TO "EKLOW TO RW13" AND DISTANCE FROM "1.80" TO "5.44" - REMOVED STEPDOWN FIX.
4. PROFILE LINE 4: UPDATED "TUGKU 2000, EKLOW 2000, OCOJY/1.80 NM TO RW13 840*" TO "TUGKU 2000, EKLOW 2000" - REMOVED STEPDOWN FIX.
5. PBN REQUIREMENTS NOTE: UPDATED "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19J 8-6-8.D.
6. NOTES: REMOVED "CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI AND GLIDEPATH ARE THE SAME.
7. ADDITIONAL FLIGHT DATA: REMOVED "*LNAV" - NO LONGER REQUIRED.
8. ADDITIONAL FLIGHT DATA: UPDATED "CHART FAS OBST: 429 TRÉE 314121N/0891217W" TO "CHART FAS OBST: 547 TOWER (28-023526) 314312N/0891330W" - NEW CONTROLLING OBSTACLES.
9. ADDITIONAL FLIGHT DATA: UPDATED CHART VDP FROM "1.29 NM TO RW13" TO "1.66 NM TO RW13" - LNAV MIN RAISED TO DA 800/HAT 562.
10. MINIMUMS: UPDATED CAT A CIRCLING CMDA/HAA FROM "700/462" TO "800/562" - MATCHES LNAV STRAIGHT-IN MINIMUMS.
11. MINIMUMS: UPDATED LNAV MDA/HAT FROM "680/442" TO "800/562" AND VIS CAT C FROM "1 3/8" TO "1 5/8" - STEPDOWN FIX REMOVED AND IAW 8260.3 TABLE 3-3-1 AND CLEARS NOTAM FDC 5/5881.
12. FAS DATA: CRC REMAINDER UPDATED FROM "7EAFD1CE" TO "0261A40A" - FPAP LAT/LONG UPDATED FROM "313939.1770N/0890930.6540W" TO "313939.1745N/0890930.6560W".

07/24/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/22/2025.
TERMINAL ROUTES: CORRECTED EKLOW TO RWY 13 FROM A "FB" TO "FO".

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: ZHU, ZME, AMGR

FLIGHT CHECKED BY

JON D HOLLAND

Digitally signed by

ROBERT G HAMILTON

May 22, 2025

OFFICE

AJF

DATE

05/21/2025

DEVELOPED BY

ROBERT G HAMILTON (MATTHEW W.TOWNSEND)

Digitally signed by

ROBERT G HAMILTON

May 22, 2025

OFFICE

AJV-A433

DATE

04/11/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

May 22, 2025

OFFICE

AJV-A433

DATE

10/02/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLUL
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	314042.1350N
LTP/FTP LONGITUDE	0891044.6895W
LTP/FTP ELLIPSOIDAL HEIGHT	+00434
FPAP LATITUDE	313939.1745N
FPAP LONGITUDE	0890930.6560W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0261A40A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00697
FPAP ORTHOMETRIC HEIGHT	+00697



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
LUL	RNAV (GPS) RWY 13	1D	LAUREL	MS	238	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 045/30 CW 245/30 **TO** 045/4 CW 245/4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-000414)	320819.11N/0890537.07W	1689	250	50	4D	1000					2700
TERRAIN	321139.00N/0891024.00W	683 (700)								AS1500	2200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM 045/4 CW 245/4 **TO** TUGKU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-020219)	315454.80N/0892138.85W	980	20	3	1A	1000					2000
TERRAIN	315557.00N/0892009.00W	545 (500)								AS1500	2000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



STRAIGHT-IN AREA

FROM

245/30 CW 045/30

TO

245/4 CW 045/4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-000414)	320819.11N/0890537.07W	1689	250	50	4D	1000					2700
TERRAIN	320818.00N/0890536.00W	634 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

STRAIGHT-IN AREA

FROM

245/4 CW 045/4

TO

TUGKU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-020219)	315454.80N/0892138.85W	980	20	3	1A	1000					2000
TERRAIN	315557.00N/0892009.00W	545 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

TUGKU (IF/IAF)

TO

EKLOW

RNP

1.00

DISTANCE

8.00

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (28-001196)	314918.00N/0891837.00W	842	500	60	5E	500				AC60	1500
TERRAIN	315157.00N/0892124.00W	453 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM

EKLOW

TO

RW13

RNP

0.30

DISTANCE

5.44

PAT

MAP

DA

HAT

250

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (28-025735)	314100.42N/0891058.79W	286	50	20	2C		34.00:1			AC20 MA50	488

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV/VNAV

FROM

EKLOW

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.44		DA	521	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE	314124.00N/0891218.00W	425	215	8	4B		23.39:1			AC8 XP20	759

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP 20 - USED TO RETAIN PREVIOUS MINS.

FINAL: LNAV

FROM

EKLOW

TO

RW13

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
0.30	5.44		RW13	562	

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-023526)	314311.64N/0891329.59W	547	50	20	2C	250					800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

TUGKU

TO

P-4

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-4	<u>MAP</u>		<u>HAT</u>				<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (28-001344)	315307.70N/0892207.80W	963	50	20	2C	1000					2000
TERRAIN	315439.00N/0892136.00W	519 (500)								AS1500	2000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LPV

FROM

DA

TO

IPAXE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 297			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TREE (28-025735)	314100.42N/0891058.79W	286	50	20	2C		ASC			AC20	2000
TOWER (28-046733)	312958.53N/0890107.73W	660	20	3	1A	1000					1700
TERRAIN	313015.00N/0885009.00W	331 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: LNAV/VNAV

FROM

DA

TO

IPAXE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30							578				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (28-046733)	312958.53N/0890107.73W	660	20	3	1A	1000					1700
TERRAIN	313015.00N/0885009.00W	331 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM

RW13

TO

IPAXE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
0.30							700				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				2000
TOWER (28-046733)	312958.53N/0890107.73W	660	20	3	1A	1000					1700
TERRAIN	313015.00N/0885009.00W	331 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TREE	314121.00N/0890921.00W	1.30	562	399	215	8	4B	300		SI	800
CATEGORY B											
TOWER (28-002144)	314038.74N/0890805.51W	1.81	562	495	20	3	1A	300			800
CATEGORY C											
TOWER (28-001139)	314029.59N/0890648.20W	2.85	802	675	250	50	4D	300		AC50	1040
CATEGORY D											
TOWER (28-001313)	314118.00N/0890558.00W	3.72	822	748	50	20	2C	300			1060

CIRCLING REMARKS:

MSA/ESA

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZME ARTCC, ZHU ARTCC, GWO FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	LUL	24	LUL	0	Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	PIB	24	PIB	14.95	Y	43

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
LUL 238, PIB 298
RA = 42.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW13 - REIL (PCL), HIRL (PCL), PAPI-4L		NPI-F	
RW31 - HIRL (PCL), PAPI-4L		NPI-F	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	228.6	40.0			3.00	40.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-15C	+54C	-15C	+14.53C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 958 HIGH TEMP 1264.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100FT VEGETATION USED PER FPT.

CONTINGENCY NOTE:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIB ALTIMETER SETTING AND INCREASE LPV DA TO 531 FEET. INCREASE LNAV/VNAV DA TO 802 FEET. INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CAT C 1/8 SM, AND CIRCLING VISIBILITY CAT C AND D 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING PIB ALTIMETER SETTING.

ORDER 8260.3 CHAPTER 2 APPLIED TO 607 AAO 314351.00N/0891621.00W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.55
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	134.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	400
DISTANCE FROM	THLD	TO 1500FT POINT	5.24
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	134.79
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	400

THRESHOLD COORDINATES (IF STR-IN)	314042.14N/0891044.69W
ARP COORDINATES	314022.90N/0891022.10W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 31 DISTANCE 0.45 NM
FAF COORDINATES	314432.54N/0891515.99W
FIX NAME COORDINATES	IF TUGKU 315011.25N/0892155.88W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ROBERT G HAMILTON (MATTHEW W.TOWNSEND)	AJV-A433	04/11/2025	AERONAUTICAL INFORMATION SPECIALIST

