

**AUSTRALIAN DEFENCE FORCE
FLIGHT INFORMATION PUBLICATION
(TERMINAL)**



**TERMINAL
AUSTRALIA**

Effective: **12 JUN 25**
Next Issue: **04 SEP 25**

WARNING

Consult NOTAM for latest information



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Department of Defence, AIS-AF, GPO Box 393, VBM-M-2, Melbourne VIC 3001.

GEN 0.1 PREFACE

1. NAME OF PUBLISHING AUTHORITY

1.1 TERMA is issued by the AIS-AF under the authority of the Defence Airworthiness Authority (Defence AA).

2. APPLICABLE DOCUMENTS

2.1 TERMA is prepared in accordance with the Standards and Recommended Practices of the following ICAO documents:

- a. Facilitation - Annex 9
- b. Aerodromes - Annex 14
- c. Aeronautical Information Services - Annex 15
- d. Aeronautical Information Services Manual (Doc 8126-AN/872)
- e. Aeronautical Charts - Annex 4
- f. Aeronautical Chart Manual (Doc 8697-AN/889/2)
- g. Procedures for Air Navigation Services - Aircraft Operations (Doc 8168-OPS/611)

Note 1.- With the exception of Airborne Radar Approach procedures, the instrument procedures contained in this document are designed in accordance with the criteria listed in ICAO Document 8168 Volume II (PANS OPS 86). TACAN or GNSS Arrival procedures are designed to an Australian standard consistent with PANS OPS criteria. Unless otherwise indicated, the handling speeds and other provisions of ADF FLIP FIHA ENR 1.5 apply.

Note 2.- Tactical Airfield MSA/VSA Charts have been designed in accordance with 84WG requirements and do not conform to criteria listed in ICAO Document 8168 Volume II (PANS OPS 86). These charts are for 84WG use only.

3. ADF AIP - DOCUMENTS INVOLVED

3.1 ADF AIP is designed to be used as a complete package and component documents (including TERMA) and charts should not be used without reference to other applicable components of the package.

4. LAYOUT

4.1 **Purpose.** The purpose of TERMA is to provide details of authorised instrument procedures within Australia for state aircraft and other approved users. Operations subject to Australian Civil Aviation Regulations are not to use the procedures detailed in this publication (CAR 233 (1)(h) refers). As a component of ADF AIP, TERMA contains that information which aircrew will require access to during flight. It is produced in a bound A5 format suitable for cockpit use.

4.2 The diagram shown on the back cover details the area of coverage of TERMA.

4.3 Throughout TERMA, the term "should" implies that all users are encouraged to conform with the applicable procedure. The terms "must" and "shall" are synonymous and mean that the applicable procedure is mandatory and supported by regulations or orders.

5. ORDERING PUBLICATIONS AND AMENDMENT SERVICES

5.1 Publications can be obtained via Unit PUBSO by emailing ais.af@defence.gov.au. Details should include:

- a. User code (if known);
- b. Contact name;
- c. Contact details;
- d. Delivery address;
- e. Product requested;
- f. Quantity; and
- g. Date required.

5.2 Verbal product orders will be accepted under exceptional circumstances by calling the AIS-AF Distribution Coordinator on +61 3 8531 6362.

5.3 Requests for amendments to procedures contained within TERMA are to be forwarded to the AIS-AF Air Liaison Officer through the originator's Wing Aviation Safety Officer (WASO) or equivalent. Requests for amendment should be submitted on a Publication Improvement Report and Reply form (AO011), available via Web Forms at <http://intranet.defence.gov.au>. The originating authority must ensure that all necessary information has been included and is correct in detail.

5.4 Customer Change of Address

5.4.1 All customers shall promptly advise AIS-AF of any change of address. Mail returned "Address Unknown" suspends the address record of the subscriber, and no further mail will be forwarded until advice is received of an address change.

6. NOTIFICATION TO USERS OF AMENDMENTS

6.1 Product is amended by NOTAM and Aircservices AIP SUP, and is produced in accordance with AIS-AF Production Schedule available on the AIS-AF website (DRN only).

6.2 Any rescheduling of the above will be notified via the AIB, and/or, in certain circumstances, by NOTAM.

6.3 Significant changes to the Preface are indicated by a vertical black line (change bar) and deletions have a "D" added to the vertical line.

6.4 Amendments to the List of Charts pages are identified by change bars. A revised procedure will be indicated by a change bar in the margin, a new procedure will be indicated by a change bar and a + (plus), a deleted procedure will be indicated by a change bar and the letter D.

6.5 Amendments to the charts are identified on the lower left hand border of each chart.

7. QUERIES ABOUT DOCUMENTATION

7.1 Contact with AIS-AF is generally to be via Unit AIO/PUBSO/NAVO during working hours (0800 - 1630h AEST, MON - FRI), to the following appointments:

- a. Distribution Coordinator
☎ +61 3 8531 6362
- b. Air Liaison Officer
☎ +61 3 8531 6667
☎ +61 412 814 225 (24 hours)

7.2 Written feedback can be submitted via e-mail to ais.af@defence.gov.au or using the online General Customer Feedback survey available on the AIS-AF website (DRN only).

7.3 All e-mail requests are to be forwarded to ais.af@defence.gov.au and marked for the attention of the relevant appointment.

7.4 All urgent after-hours requests are to be directed to the duty officer on +61 412 814 225. As AIS-AF does not maintain a formal after-hours capability, the majority of requests will be dealt with on the next working day. Urgent operational matters will be dealt with in as timely a manner as possible.

8. NON STANDARD PRODUCT REQUESTS

8.1 All requests for products outside the published AIS-AF Production and Delivery Schedule should be discussed with the AIS-AF Air Liaison Officer. This may result in a recommendation to submit a formal request via e-mail ais.af@defence.gov.au. Please ensure sufficient lead time (minimum 6 to 8 weeks) is allowed for customised AI products to be designed and published.

GEN 0.2 RECORD OF AMENDMENTS

1. The date of the most recent amendment appears in the bottom-left footer of each plate. These dates may be different to the effective date on the front cover of this publication.

GEN 0.3 RECORD OF AIP SUPPLEMENTS

1. TERMA is amended by NOTAM. ADF users may also refer to the AIS-AF web portal (<https://ais-af.airforce.gov.au>) or the AIS-AF Intranet (<http://drnet.defence.gov.au/raaf/AirForce/AIS-AF>) to access current information within the AIS-AF area of coverage.

2. DEFENCE AERODROMES NOT CERTIFIED OR REGISTERED:

The following applies to non-certified and unregistered Defence aerodromes:

- a. No active obstacle management;
- b. May not be subject to regular technical inspections;
- c. Do not receive a regular aerodrome NOTAM service. Refer to Head Office NOTAMs for updates on Instrument Flight Procedures.
- d. Prior to commencing a flight, a pilot or operator MUST contact the Aerodrome Operator or Responsible Authority to check currency of aerodrome information.
- e. Additional information is included in the Notes section of the Instrument Flight Procedures chart.
- f. Instrument Flight Procedures are designed to ICAO PANSOPS and CASA MOS Part 173 standards but are not compliant with airfield survey data quality requirements. An additional 360FT is added to Instrument Approach safety heights to account for unknown vertical obstructions. It is the responsibility of the pilot to determine suitability of the facility and to avoid obstacles in the Visual Segment of the procedure below the minimum descent altitude.
- g. Instrument Flight Procedures for non-certified aerodromes will permit flight to a promulgated minima in Instrument Meteorological Conditions. Flight below circling height is to be IAW relevant OIP.

GEN 0.4 CHECKLIST OF PAGES

1. TERMA consists only of a complete book, therefore no checklist of pages is required.

GEN 0.5 LIST OF HAND AMENDMENTS

1. TERMA consists only of a complete book, therefore no hand amendments are required.

GEN 0.6 LIST OF CHARTS

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<i>ILS-Y RWY 15</i>	28 NOV 24	<i>SID ANTLA TWO ALL RWYS</i>	13 JUN 24
<i>LOC-Y RWY 15</i>	28 NOV 24	<i>SID BULKO ONE ALL RWYS</i>	13 JUN 24
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<i>TACAN RWY 33</i>	28 NOV 24	<i>SID MOZZA THREE ALL RWYS</i>	13 JUN 24
D		<i>SID NUNPA TWO ALL RWYS</i>	13 JUN 24
D		<i>SID TYERS THREE ALL RWYS</i>	13 JUN 24
D		<i>SID VALDU TWO ALL RWYS</i>	13 JUN 24
<i>COMPOSITE</i>	30 NOV 23	<i>SID VISER ONE ALL RWYS</i>	13 JUN 24
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<i>TACAN RWY 11</i>	13 JUL 23	<i>TACAN RWY 22</i>	13 JUN 24
<i>TACAN RWY 29</i>	13 JUL 23	<i>TACAN RWY 27</i>	13 JUN 24
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		<i>RNP E (CAT C)</i>	30 NOV 23

■ + Indicates a new chart has been issued

■ D Indicates a chart has been deleted

■ Indicates a revised chart has been issued

Italicised text indicates Traditional format

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D		D	
D		D	
D		D	
D		OAKEY (YBOK)	115
D		AERODROME CHART	05 SEP 24
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USING EDN TACAN or IED DME	21 MAR 24	DME or GNSS ARRIVAL	13 JUN 24
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TACAN RWY 18	23 MAR 23	OR IOK DME	13 JUN 24
D		VOR-Z RWY 14 (CAT A,B,C)	13 JUN 24
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ILS-X or LOC-X RWY 21		NDB-A	12 JUN 25
USING NWR TACAN or INA DME	12 JUN 25	RNP RWY 05	13 JUN 24
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TACAN RWY 03	12 JUN 25	COMPOSITE	30 NOV 23
TACAN-Z RWY 21	12 JUN 25		

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GEN 0.6 LIST OF CHARTS - CONTINUED

REMOTE	150	TOWNSVILLE (YBTL)	185
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<i>IRE DME</i>	<i>13 JUN 24</i>	<i>RTCC</i>	<i>13 AUG 20</i>
<i>ILS-O or LOC-O USING REM TACAN or</i>		<i>SID (RADAR) RWY 01 (CAT H)</i>	<i>21 MAY 20</i>
<i>IRE DME</i>	<i>17 APR 24</i>	<i>TACAN RWY 19</i>	<i>28 NOV 24</i>
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<i>APRON CHART</i>	<i>28 NOV 24</i>	<i>RTCC</i>	<i>21 MAR 24</i>
<i>SID RWYS NORTH</i>	<i>28 NOV 24</i>	<i>SID CLASSIC ONE ALL RWYS</i>	
<i>SID RWYS SOUTH</i>	<i>28 NOV 24</i>	<i>(ACG USE ONLY)</i>	<i>28 NOV 24</i>
<i>ILS-Y or LOC-Y RWY 28</i>		<i>SID PEPPER ONE ALL RWYS</i>	
<i>USING RIC TAC or IRI DME</i>	<i>20 MAR 25</i>	<i>(ACG USE ONLY)</i>	<i>28 NOV 24</i>
<i>ILS-X or LOC-X RWY 28 (CAT A,B,C)</i>		<i>ILS-X or LOC-X RWY 12</i>	
<i>USING RIC TAC or IRI DME</i>	<i>20 MAR 25</i>	<i>USING WLM TACAN or IWM DME</i>	<i>21 MAR 24</i>
<i>ARA RWY 10</i>	<i>20 MAR 25</i>	<i>ARA RWY 12</i>	<i>20 MAR 25</i>
<i>ARA RWY 28</i>	<i>20 MAR 25</i>	<i>ARA RWY 30</i>	<i>20 MAR 25</i>
<i>TACAN RWY 10</i>	<i>28 NOV 24</i>	<i>TACAN RWY 12</i>	<i>21 MAR 24</i>
<i>TACAN RWY 28</i>	<i>28 NOV 24</i>	<i>TACAN RWY 30</i>	<i>21 MAR 24</i>
<i>NDB-A or NDB/DME-A</i>	<i>28 NOV 24</i>	<i>STEREO RWY 12</i>	<i>21 MAR 24</i>
D		<i>STEREO RWY 30</i>	<i>21 MAR 24</i>
D		<i>COMPOSITE</i>	<i>21 MAR 24</i>
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TINDAL (YPTN)	174	<i>TINDAL</i>	<i>05 SEP 24</i>
<i>AERODROME CHART</i>	<i>20 MAR 25</i>	<i>TOWNSVILLE INTL</i>	<i>12 JUN 25</i>
<i>RTCC</i>	<i>21 MAR 24</i>	<i>WILLIAMTOWN</i>	<i>12 JUN 25</i>
<i>ILS-Y OR LOC-Y RWY 14</i>		<i>WOOMERA</i>	<i>28 NOV 24</i>
<i>USING TDL TAC OR ITN DME</i>	<i>20 MAR 25</i>	MSA/VSA (84WG USE ONLY)	215
<i>ILS-X OR LOC-X RWY 14</i>		<i>TACTICAL AIRFIELD MSA/VSA CHART</i>	
<i>USING TDL TAC OR ITN DME</i>	<i>05 SEP 24</i>	<i>PAGE 1</i>	<i>09 SEP 21</i>
<i>ARA RWY 14</i>	<i>21 MAR 24</i>	<i>PAGE 2</i>	<i>15 JUN 23</i>
<i>ARA RWY 32</i>	<i>20 MAR 25</i>		
<i>TACAN RWY 14</i>	<i>07 SEP 23</i>		
<i>TACAN RWY 32</i>	<i>20 MAR 25</i>		
<i>STEREO RWY 14</i>	<i>05 SEP 24</i>		
<i>STEREO RWY 32</i>	<i>20 MAR 25</i>		
<i>COMPOSITE</i>	<i>05 SEP 24</i>		

■ + Indicates a new chart has been issued

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GEN 0.7 TABLES AND CODES (TRADITIONAL & ACE EXAMPLES)

1. TRADITIONAL CHART LEGEND

GENERAL

- AERODROME REFERENCE POINT
- JET BARRIER
- PARACHUTE DROPPING ZONE
- ARRESTOR GEAR BI-DIRECTIONAL
- TACAN MARKER BOARD
- HELIPORT

AERODROMES

RUNWAYS

RADIO FACILITIES

- LOCALISER
- FLY-BY WAYPOINT
- FLY-OVER WAYPOINT
- BASIC RADIO FACILITY
- FAN MARKER
- FINAL APPROACH FIX (FAF) - non precision
- FINAL APPROACH POINT (FAP) - precision
- INTERMEDIATE FIX (IF)
- INITIAL APPROACH FIX (IAF)
- VISUAL REPORTING POINT
- REPORTING POINTS (REFER ERC)
- R-090**
B-270 RADIAL/BEARING LINE AND VALUE
- PROHIBITED, RESTRICTED DANGER AREA

PROCEDURE INFORMATION

APPROACH AID

4000 MANDATORY ALTITUDE

4000 ADVISORY ALTITUDE

A123 ROUTE IDENTIFIER

PROCEDURE TRACK

MISSED APPROACH

ADDITIONAL PROCEDURE TRACK

VISUAL DEPARTURE TRACK

4700 TRANSITION TRACK WITH LSALT

HOLDING PATTERN 1 MINUTE

HOLDING PATTERN 2 MINUTE

OTHER AIDS

4000 MAXIMUM ALTITUDE

4000 MINIMUM ALTITUDE

NOTE: HOLDING PATTERNS (INCLUDING DME LIMITS) ARE NOT DRAWN TO SCALE ON CHARTS

OBSTRUCTIONS

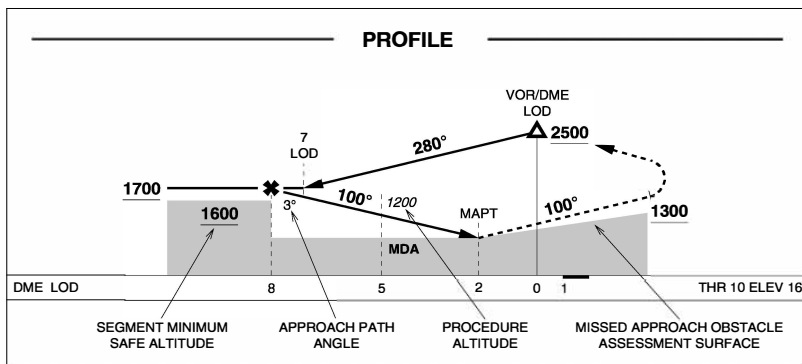
- LIT
- UNLIT
- OBSTRUCTION
- GROUP OBSTRUCTION
- WIND INDICATOR

- PAPI
- VASIS
- T-VASIS
- LOW INTST/SIMPLE ALS
- HIGH-CROSS BAR 150M INCREMENTS
- HIGH-BARRETTE CENTRELINE

LIGHTING

- 377 SPOT ELEVATION
- 400 HIGHEST ON CHART
- AERODROME BEACON
- HAZARD BEACON
- OBSTRUCTION LIGHT
- MARINE LIGHT
- CIRCLING GUIDANCE LIGHT

2. TRADITIONAL PROFILE FORMAT



3. TRADITIONAL LANDING MINIMA FORMAT

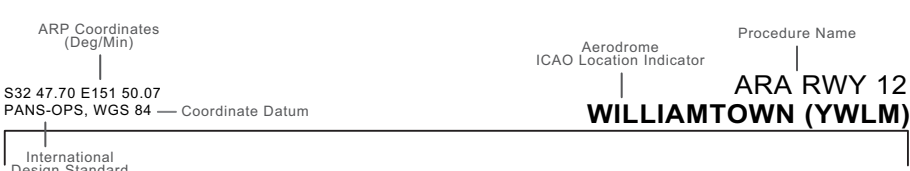
Precision Straight-in	Minimum Descent Altitude (MDA) (FT)		Decision Altitude (FT)	Aircraft Category				
CATEGORY	A		B	C		D		
ILS			390	306	- 800			
LOC			540	456	- 2900			
CIRCLING	690	603 - 2000	770	683 - 2400	970	883 - 4000	1270	1183 - 5000
Non Precision Straight-in	Height of MDA Above Airport (HAA) (FT)		Height of DA/MDA above THR (HAT) (FT)		Required Visibility (M)			

Shaded title boxes have minima calculated using forecast QNH. See FLIP FIHA ENR "QNH Sources"

3.1 Displaced Thresholds. When a displaced threshold is promulgated by NOTAM, straight-in approaches are authorised to circling minima only.

4. TRADITIONAL CHART FORMAT

4.1 Traditional Chart Header

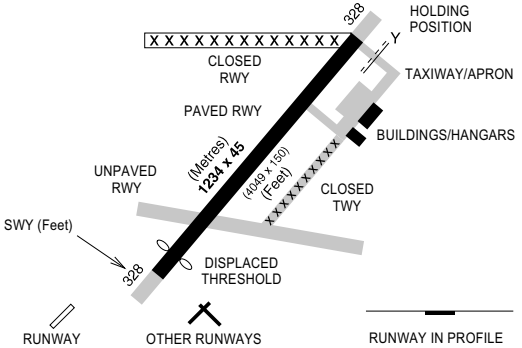


4.2 Traditional Chart Footer



GENERAL AERODROMES RUNWAYS

- AERODROME REFERENCE POINT
- JET BARRIER
- PARACHUTE DROPPING ZONE
- ARRESTOR GEAR BI-DIRECTIONAL
- TACAN MARKER BOARD
- HELIPORT



RADIO FACILITIES PROCEDURE INFORMATION

- LOCALISER
- FLY-BY WAYPOINT
- FLY-OVER WAYPOINT
- BASIC RADIO FACILITY
- FAN MARKER
- FINAL APPROACH FIX (FAF) - non precision
- FINAL APPROACH POINT (FAP) - precision
- INTERMEDIATE FIX (IF)
- INITIAL APPROACH FIX (IAF)
- VISUAL REPORTING POINT
- REPORTING POINTS (REFER ERC)
- R-198 RADIAL LINE AND VALUE
- LR-198 LEAD RADIAL
- LB-198 LEAD BEARING
- PROHIBITED, RESTRICTED DANGER AREA

- APPROACH AID
- OTHER AIDS
- 4000 MANDATORY ALTITUDE
- 4000 ADVISORY ALTITUDE
- A123 ROUTE IDENTIFIER
- DISTANCE NOT TO SCALE
- PROCEDURE TRACK
- MISSED APPROACH
- ADDITIONAL PROCEDURE TRACK
- VISUAL DEPARTURE TRACK
- 2600 260° (13) Distance in NM TRANSITION TRACK WITH LSALT
- HOLDING PATTERN

NOTES:
1. HOLDING PATTERNS (INCLUDING DME LIMITS) ARE NOT DRAWN TO SCALE ON CHARTS.
2. DUE TO CHANGES IN MAGNETIC VARIATION AND DISPLACED NAVIGATION AIDS, SECTOR ENTRY DIAGRAM BEARING INFORMATION MAY DIFFER BY UP TO 1 DEGREE FROM THE FINAL APPROACH TRACK

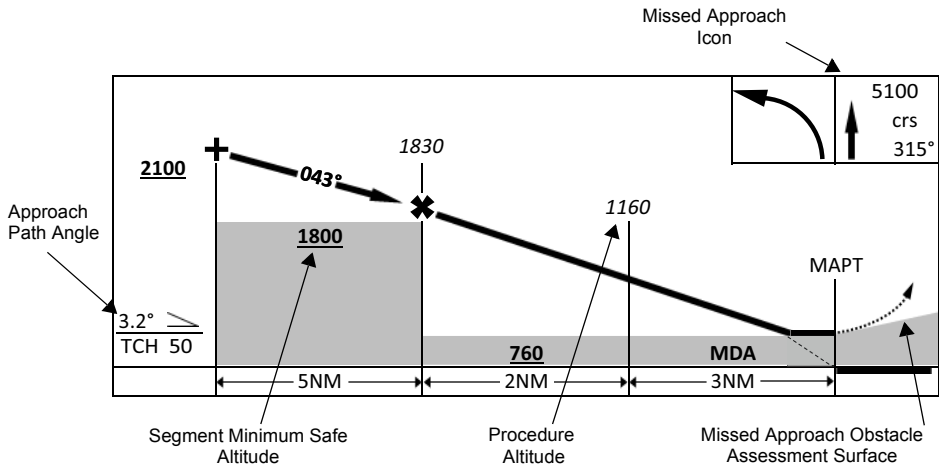
6. ACE CHART LEGEND - PAGE 2

OBSTRUCTIONS		LIGHTING	
LIT	UNLIT		
			OBSTRUCTION
			GROUP OBSTRUCTION
			WIND INDICATOR
			PAPI
			VASIS
			T-VASIS
			LOW INTST/ SIMPLE ALS
			HIAL-CROSS BAR 150M INCREMENTS
			HIAL-BARRETTE CENTRELINE
			SPOT ELEVATION
			HIGHEST ON CHART
			AERODROME BEACON
			HAZARD BEACON
			OBSTRUCTION LIGHT
			MARINE LIGHT
			CIRCLING GUIDANCE LIGHT

A "●" portrayed with approach lighting letter identifier indicates sequenced flashing lights (SFL) installed with the approach lighting system, eg. .

Negative symbology, eg., indicates Pilot Activated Lighting (PAL).

7. ACE PROFILE FORMAT



8. ACE LANDING MINIMA FORMAT

Precision Straight-in RWY 12	Decision Altitude (FT)	Aircraft Category			
CATEGORY	A	B	C	D	
S-ILS 12	370 341	1200m	(VIS -800 WITH ACTUAL QNH)		
S-LOC 12	560	529	2000m		
CIRCLING	690 659 2000m	710 679 2400m	810 779 4000m	1070 1039 5000m	
Non Precision Straight-in RWY 12	Minimum Descent Altitude (MDA) (FT)		Required Visibility (M)	Height of MDA Above Airport (HAA)(FT)	

Shaded title boxes have minima calculated using forecast QNH. See FLIP ENR "QNH Sources"

8.1 Displaced Thresholds. When a displaced threshold is promulgated by NOTAM, straight-in approaches are authorised to circling minima only.

9. ACE CHART FORMAT

9.1 AIS-AF ACE Instrument Approach Chart Header

TACAN EDN Chan 40	APCH CRS 187°	RWY LDG THR ELEV AD ELEV	8399 61 67	International Design Standard PANS-OPS, WG-84	Aerodrome ICAO Location Indicator TACAN RWY 18 EDINBURGH (YPED)	Procedure Name
				Coordinate Datum		

9.2 AIS-AF ACE SID/STAR Chart Header

STAR RUSSL ONE ECHO (RNAV)		EDINBURGH (YPED)
PANS-OPS, WGS 84	MILITARY USE ONLY	

9.3 AIS-AF ACE Chart Footer

CHANGES: MSA, EDITORIAL		ARP Coordinates (Deg/Min) ↓ S32 47.70 E151 50.07	EDINBURGH (YPED)	
25 MAR 21	Publishing Agency → AIS-AF	MILITARY USE ONLY	TACAN RWY 18	
Effective Date			Aerodrome ICAO Location Indicator	Procedure Name

10. AIS-AF Chart Aerodrome Lighting

LIGHTING			
RWY	APPROACH	THR	RUNWAY
11 (108°)	T-VASIS (6) 3.00° 50FT	GREEN	HIRL (6)
29 (288°)	T-VASIS (6) 3.00° 51FT	GREEN	MIRL (3)

Runway & magnetic bearing → **29**

Glide path angle & minimum eye height at threshold → 3.00° 51FT

type & stages of intensity (refer ERSA INTRO) → GREEN

HIRL (6) → HIRL (6)

MIRL (3) → MIRL (3)

10.1 Distance/Altitude Scale. A DME distance/altitude table is provided on procedure charts where runway approach minima are published, distance and azimuth facilities are suitably located and a nominal 5.24% (3° or 318FT per NM) profile can be accommodated. Gradients listed on the chart profile view for non precision approach procedures indicate the profile resulting from the limiting altitudes in the final segment to a nominal 50FT threshold crossing height unless otherwise indicated.

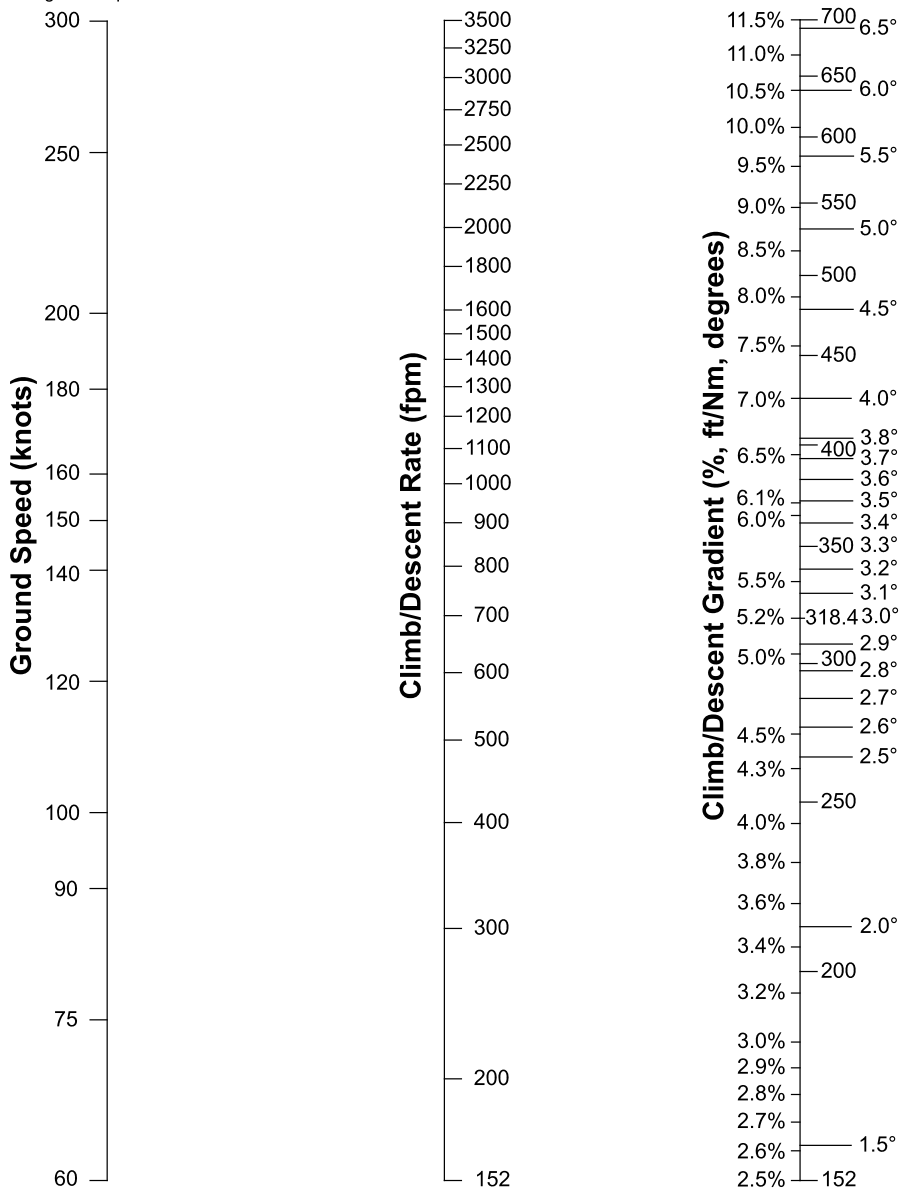
11. FREQUENCY AND CHANNEL PAIRING TABLE

TACAN and DME - 'X' Channels

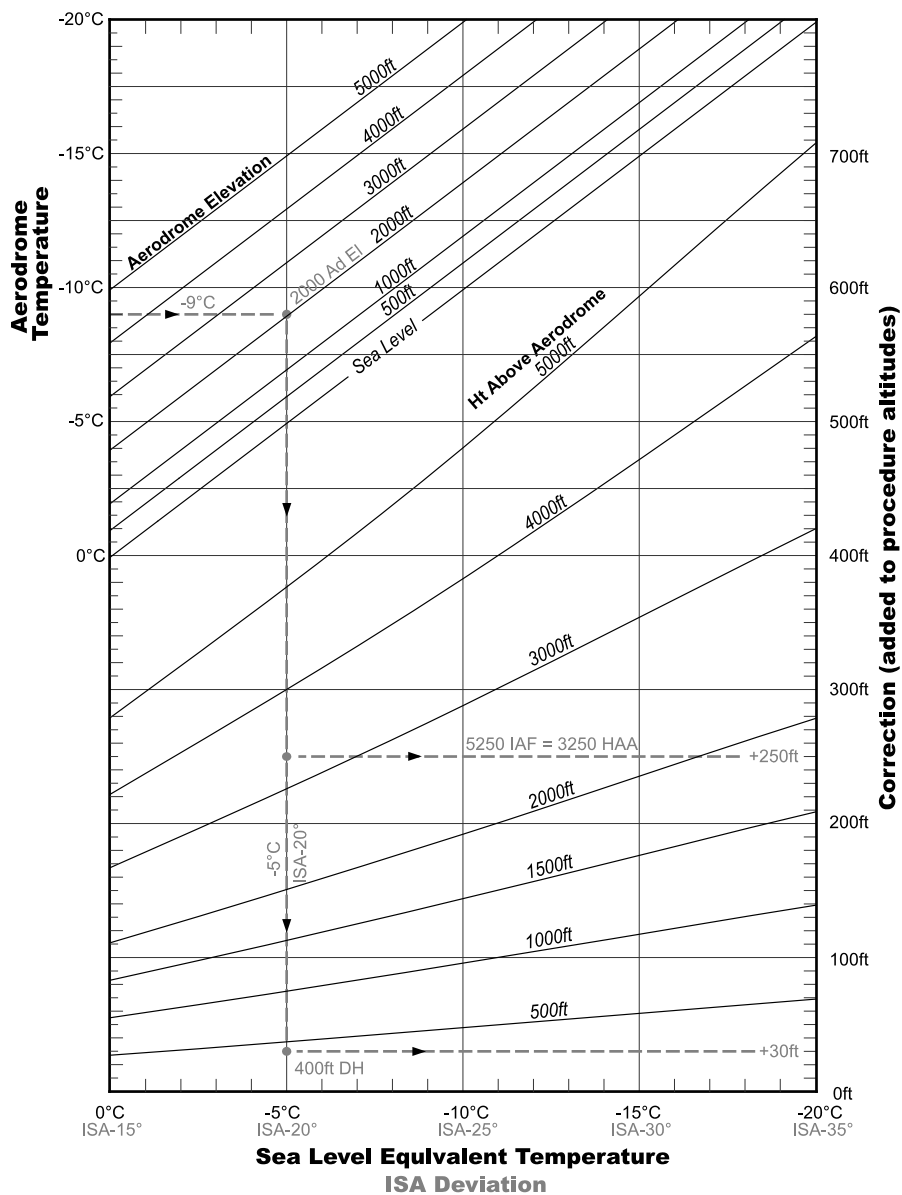
MHz	.00	.10	.20	.30	.40	.50	.60	.70	.80	.90
108	17	18	19	20	21	22	23	24	25	26
109	27	28	29	30	31	32	33	34	35	36
110	37	38	39	40	41	42	43	44	45	46
111	47	48	49	50	51	52	53	54	55	56
112	57	58	59	70	71	72	73	74	75	76
113	77	78	79	80	81	82	83	84	85	86
114	87	88	89	90	91	92	93	94	95	96
115	97	98	99	100	101	102	103	104	105	106
116	107	108	109	110	111	112	113	114	115	116
117	117	118	119	120	121	122	123	124	125	126
133	---	---	---	60	61	62	63	64	65	66
134	67	68	69	---	1	2	3	4	5	6
135	7	8	9	10	11	12	13	14	15	16

12. GRADIENT RATE NOMOGRAPH

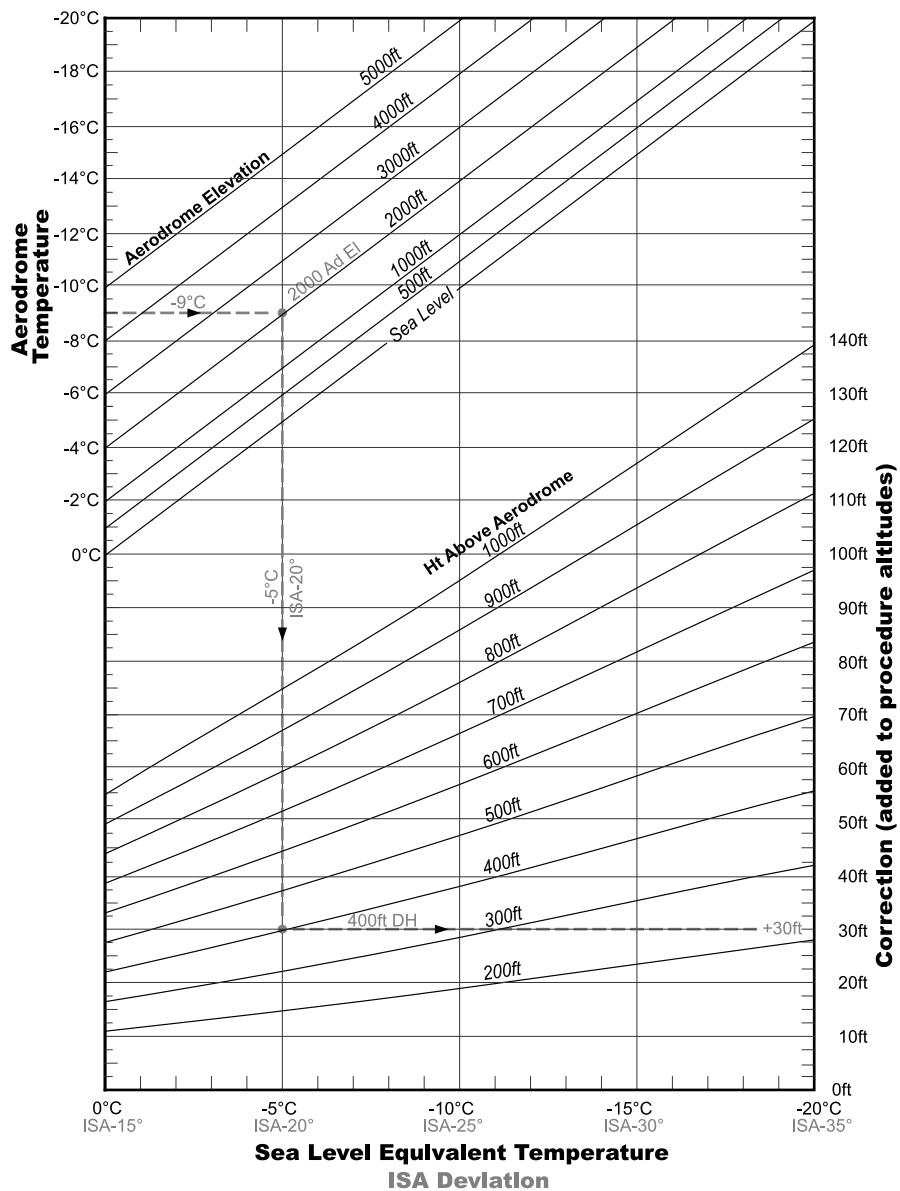
The nomograph below gives the Climb/Descent rate for entering arguments of gradient (%, ft/nm, Degrees) and ground speed.



13. ALTITUDE CORRECTION VERSUS TEMPERATURE



14. ALTITUDE CORRECTION VERSUS TEMPERATURE



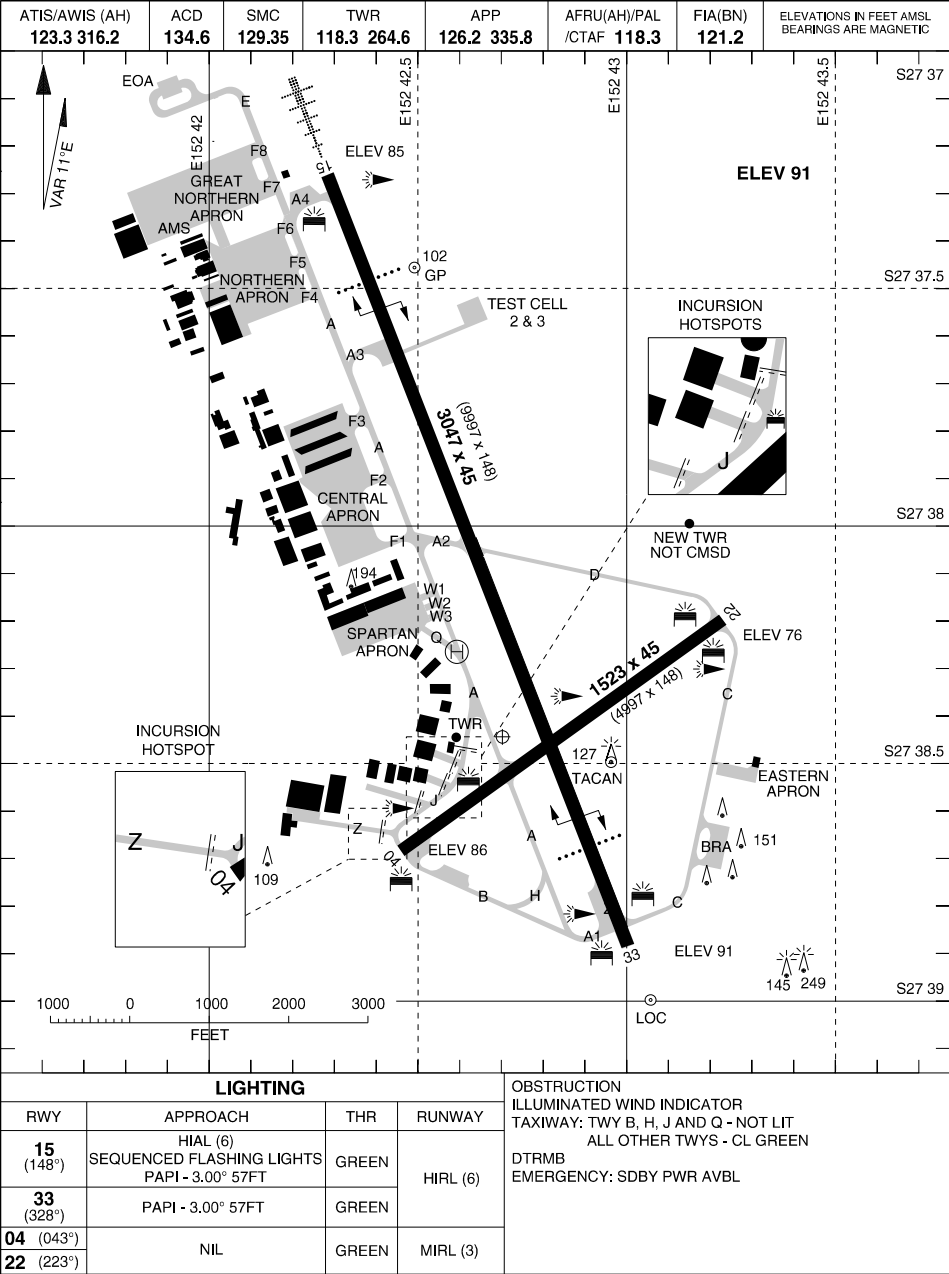
15. GRADIENT TO RATE TABLE

		Gradient	Ground Speed (KT)								
		Degrees	60	80	100	125	150	175	200	225	250
			Climb Rate (FT/MIN)								
2.5	152	1.43	152	203	253	316	380	443	506	570	633
3.0	182	1.72	182	243	304	380	456	532	608	684	760
3.3	201	1.89	201	268	334	418	501	585	668	752	835
3.4	207	1.95	207	276	344	430	516	603	689	775	861
3.5	213	2.00	213	284	354	443	532	620	709	797	886
3.6	219	2.06	219	292	365	456	547	638	729	820	911
3.7	225	2.12	225	300	375	468	562	656	749	843	937
3.8	231	2.18	231	308	385	481	577	673	770	866	962
3.9	237	2.23	237	316	395	494	592	691	790	889	987
4.0	243	2.29	243	324	405	506	608	709	810	911	1013
4.1	249	2.35	249	332	415	519	623	727	830	934	1038
4.2	255	2.41	255	340	425	532	638	744	851	957	1063
4.3	261	2.46	261	348	435	544	653	762	871	980	1089
4.4	267	2.52	267	356	446	557	668	780	891	1003	1114
4.5	273	2.58	273	364	456	570	684	797	911	1025	1139
4.6	279	2.63	279	372	466	582	699	815	932	1048	1165
4.7	286	2.69	286	381	476	595	714	833	952	1071	1190
4.8	292	2.75	292	389	486	608	729	851	972	1094	1215
4.9	298	2.81	298	397	496	620	744	868	992	1116	1241
5.0	304	2.86	304	405	506	633	760	886	1013	1139	1266
5.1	310	2.92	310	413	516	646	775	904	1033	1162	1291
5.2	316	2.98	316	421	527	658	790	922	1053	1185	1316
5.3	322	3.03	322	429	537	671	805	939	1073	1208	1342
5.4	328	3.09	328	437	547	684	820	957	1094	1230	1367
5.5	334	3.15	334	445	557	696	835	975	1114	1253	1392
5.6	340	3.21	340	453	567	709	851	992	1134	1276	1418
5.7	346	3.26	346	461	577	722	866	1010	1154	1299	1443
5.8	352	3.32	352	469	587	734	881	1028	1175	1322	1468
5.9	358	3.38	358	477	597	747	896	1046	1195	1344	1494
6.0	365	3.43	365	487	608	760	911	1063	1215	1367	1519
6.1	371	3.49	371	495	618	772	927	1081	1235	1390	1544
6.2	377	3.55	377	503	628	785	942	1099	1256	1413	1570
6.3	383	3.60	383	511	638	797	957	1116	1276	1435	1595
6.4	389	3.66	389	519	648	810	972	1134	1296	1458	1620
6.5	395	3.72	395	527	658	823	987	1152	1316	1481	1646
6.6	401	3.78	401	535	668	835	1003	1170	1337	1504	1671
6.7	407	3.83	407	543	678	848	1018	1187	1357	1527	1696
6.8	413	3.89	413	551	689	861	1033	1205	1377	1549	1722
6.9	419	3.95	419	559	699	873	1048	1223	1397	1572	1747
7.0	425	4.00	425	567	709	886	1063	1241	1418	1595	1772

MILITARY USE ONLY

S27 38.44 E152 42.71
PANS-OPS, WGS 84

AERODROME CHART
AMBERLEY (YAMB)



CHANGES: EASTERN APRON
28 NOV 24

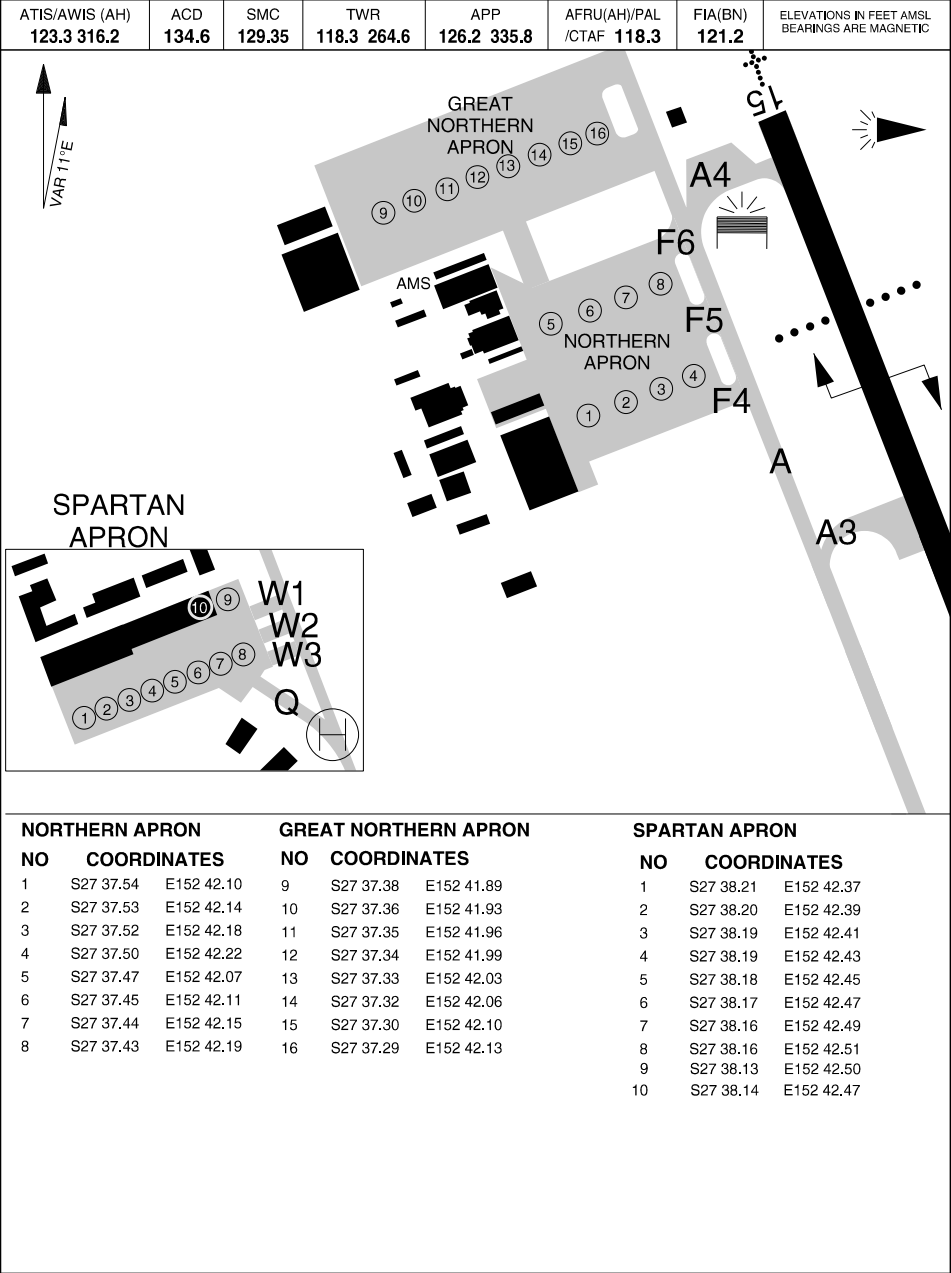
AIS-AF
MILITARY USE ONLY

AMBERLEY (YAMB)
AERODROME CHART

MILITARY USE ONLY

S27 38.44 E152 42.71
PANS-OPS, WGS 84

APRON CHART
AMBERLEY (YAMB)



CHANGES: PARKING POSN AND COORDS, ATIS FREQ

07 NOV 19

AIS-AF
MILITARY USE ONLY

AMBERLEY (YAMB)
APRON CHART

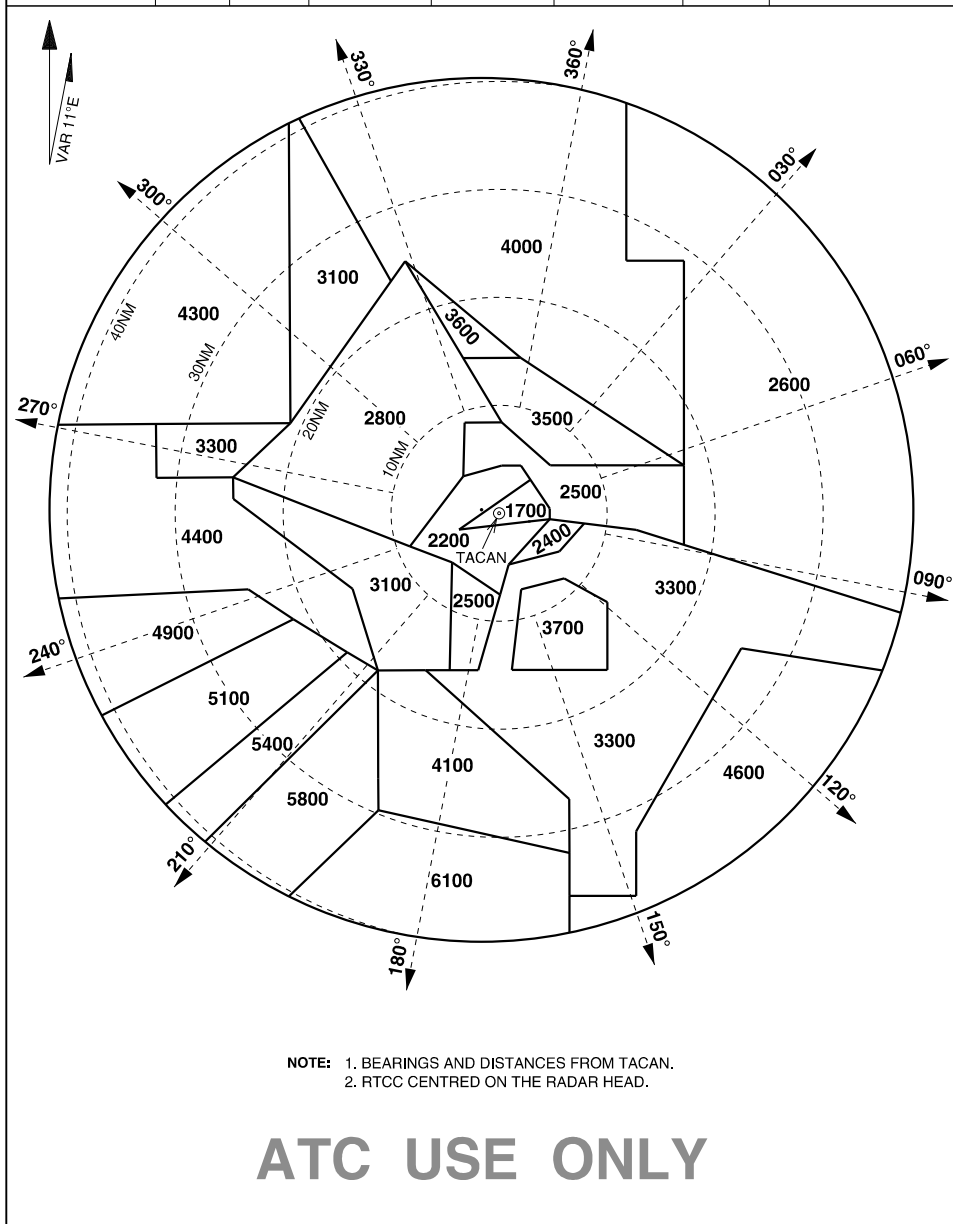
S27 38.44 E152 42.71
PANS-OPS, WGS 84

MILITARY USE ONLY

ATC USE ONLY

RTCC
AMBERLEY (YAMB)

ATIS/AWIS (AH)	ACD	SMC	TWR	APP	AFRU(AH)/PAL /CTAF	FIA(BN)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
123.3 316.2	134.6	129.35	118.3 264.6	126.2 335.8	118.3	121.2	



CHANGES: ATIS FREQ

07 NOV 19

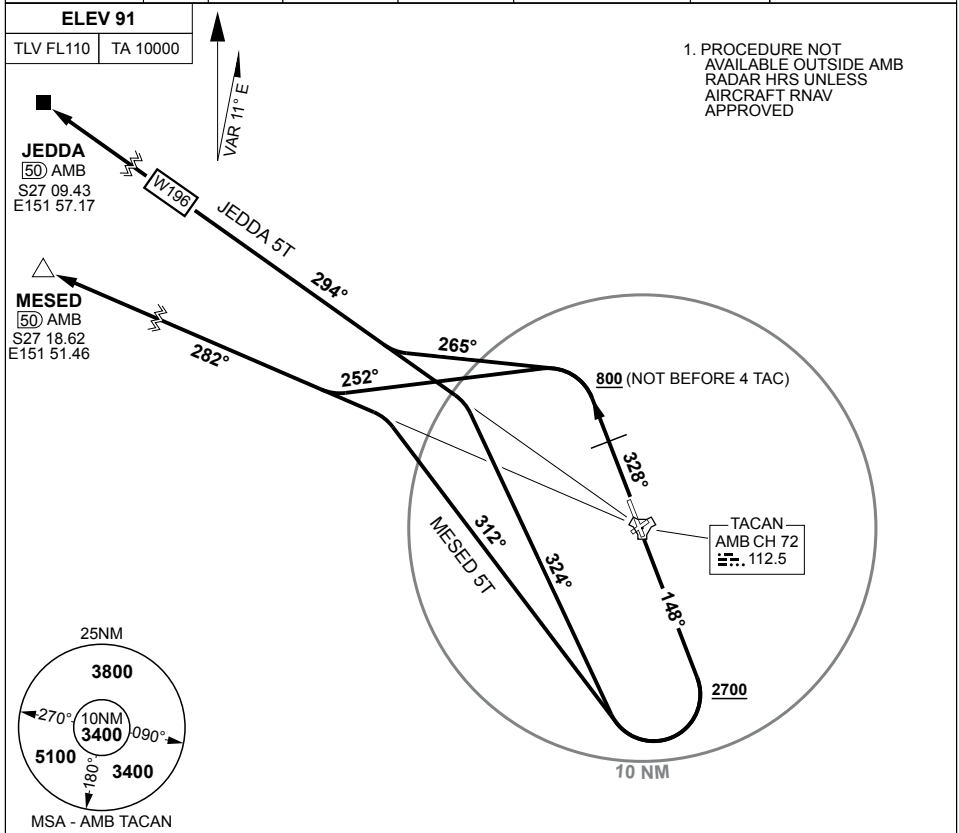
AIS-AF
MILITARY USE ONLY

AMBERLEY (YAMB)
RTCC

SID NORTH WEST AMBERLEY (YAMB)

PANS-OPS, WGS 84

ATIS/AWIS (AH)	ACD	SMC	TWR	APP	AFRU(AH)/PAL/CTAF	FIA(BN)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
123.3 316.2	134.6	129.35	118.3 264.6	126.2 335.8	118.3	121.2	



JEDDA FIVE TANGO

RWY 15

GRAD 4.3% TO 2700FT THEN 3.3%, TRACK 148°, AT 2700FT, BUT NOT BEFORE DER, TURN RIGHT, TRACK 324° TO INTCP OUTBOUND TRACK

RWY 33

GRAD 3.9% TO 800FT THEN 3.3%, TRACK 328°, AT OR ABV 800FT, BUT NOT BEFORE 4 TAC, TURN LEFT, TRACK 265° TO INTCP, OUTBOUND TRACK

MESED FIVE TANGO

RWY 15

GRAD 4.3% TO 2700FT THEN 3.3%, TRACK 148°, AT 2700FT, BUT NOT BEFORE DER, TURN RIGHT, TRACK 312° TO INTCP OUTBOUND TRACK

RWY 33

GRAD 3.9% TO 800FT THEN 3.3%, TRACK 328°, AT OR ABV 800FT, BUT NOT BEFORE 4 TAC, TURN LEFT, TRACK 252° TO INTCP OUTBOUND TRACK

CHANGES: VALIDITY INDICATOR, RTE IDENT

S27 38.44 E152 42.71

12 JUN 25

**AIS-AF
MILITARY USE ONLY**

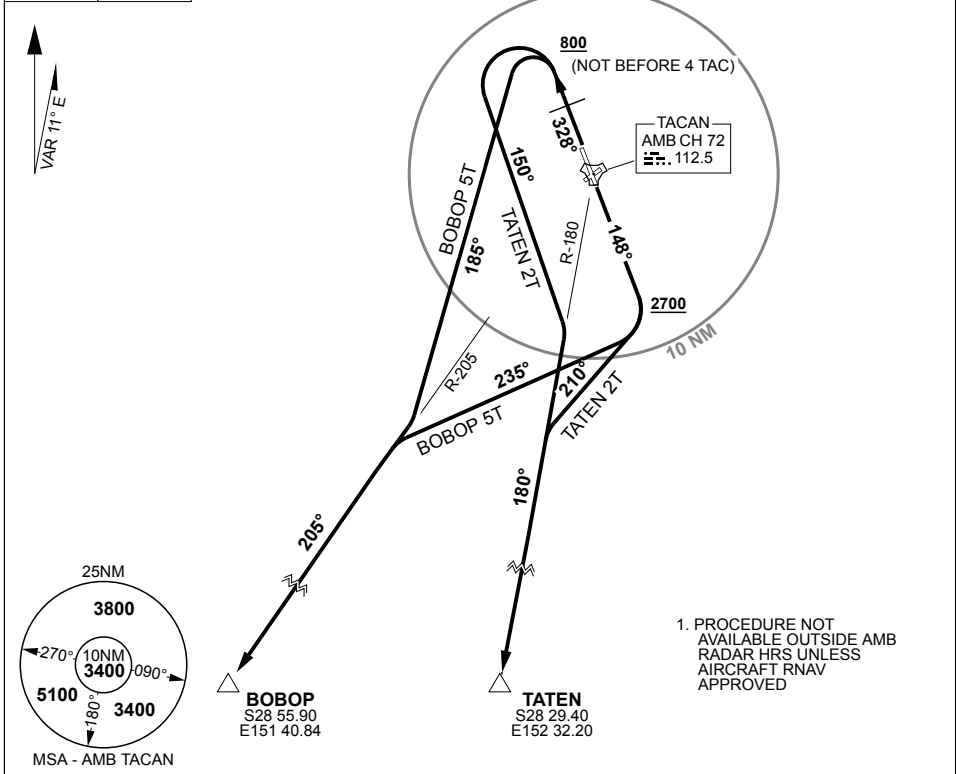
**AMBERLEY (YAMB)
SID NORTH WEST**

PANS-OPS, WGS 84

SID SOUTH
AMBERLEY (YAMB)

ATIS/AWIS(AH) 123.3 316.2	ACD 134.6	SMC 129.35	TWR 118.3 264.6	APP 126.2 335.8	AFRU(AH)/PAL/CTAF 118.3	FIA(BN) 121.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
------------------------------	--------------	---------------	--------------------	--------------------	----------------------------	------------------	--

ELEV 91	
TLV FL110	TA 10000



BOBOP FIVE TANGO

RWY 15

GRAD 4.3% TO 2700FT THEN 3.3%, TRACK 148°, AT 2700FT, BUT NOT BEFORE DER, TURN RIGHT, TRACK 235° TO INTCP OUTBOUND TRACK

RWY 33

GRAD 3.9% TO 800FT THEN 3.3%, TRACK 328°, AT OR ABV 800FT, BUT NOT BEFORE 4 TAC, TURN LEFT, TRACK 185° TO INTCP OUTBOUND TRACK

TATEN TWO TANGO

RWY 15

GRAD 4.3% TO 2700FT THEN 3.3%, TRACK 148°, AT 2700FT, BUT NOT BEFORE DER, TURN RIGHT, TRACK 210° TO INTCP OUTBOUND TRACK

RWY 33

GRAD 3.9% TO 800FT THEN 3.3%, TRACK 328°, AT OR ABV 800FT, BUT NOT BEFORE 4 TAC, TURN LEFT, TRACK 150° TO INTCP OUTBOUND TRACK

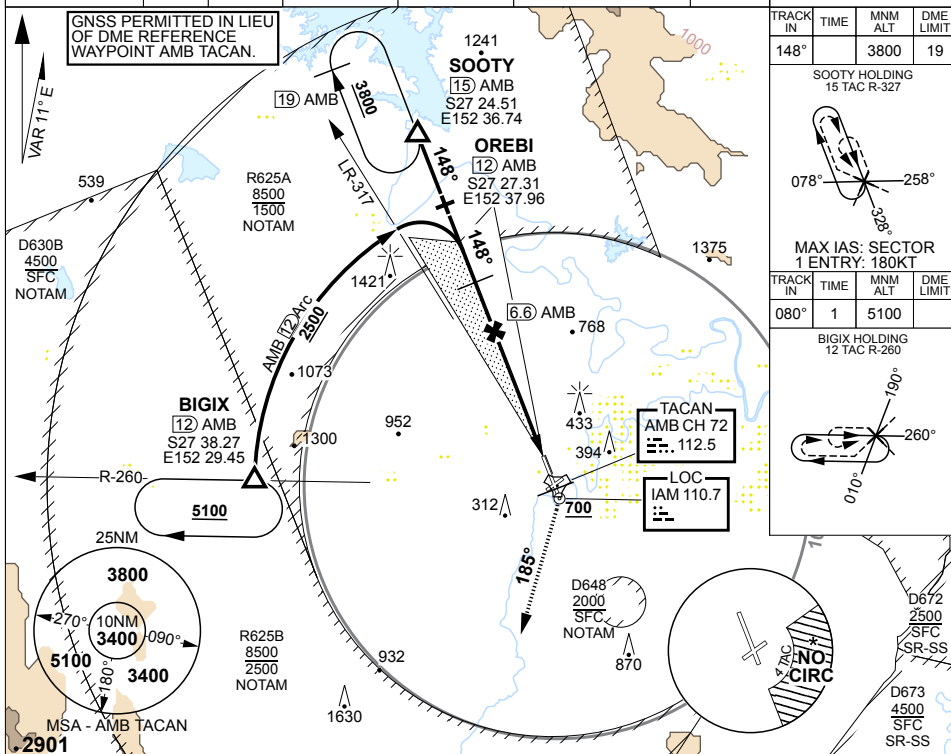
PANS-OPS, WGS-84

ILS-Y RWY 15
AMBERLEY (YAMB)

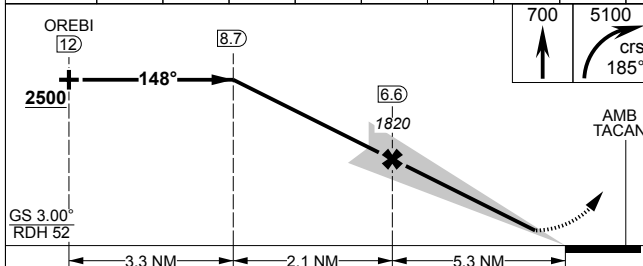
2. SOOTY HOLDING TOLERANCES NOT CONTAINED WITHIN AMB RESTRICTED AIRSPACE.

MISSED APPROACH:
TRACK 148°, AT 700FT TURN
RIGHT, TRACK 185°, CLIMB
TO 5100FT.

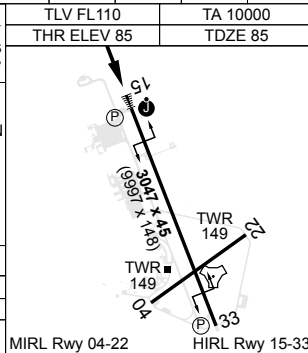
ATIS/AWIS (AH) 123.3 316.2	ACD 134.6	SMC 129.35	TWR 118.3 264.6	APP 126.2 335.8	AFRU(AH)/PAL/CTAF 118.3	FIA(BN) 121.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
--------------------------------------	---------------------	----------------------	---------------------------	---------------------------	-----------------------------------	-------------------------	--



AMB TAC	8.7	8	7	6	5	4	3	2.1				
ALTITUDE	2500	2260	1950	1630	1310	990	670	390				



CATEGORY	A	B	C	D
S-ILS 15	390	305	800m	
CIRCLING	790 699 2000m	890 799 2400m	1090 999 4000m	1550 1459 5000m



CHANGES: CAT B CIRCLING MINIMA

S27 38.44 E152 42.71

28 NOV 24

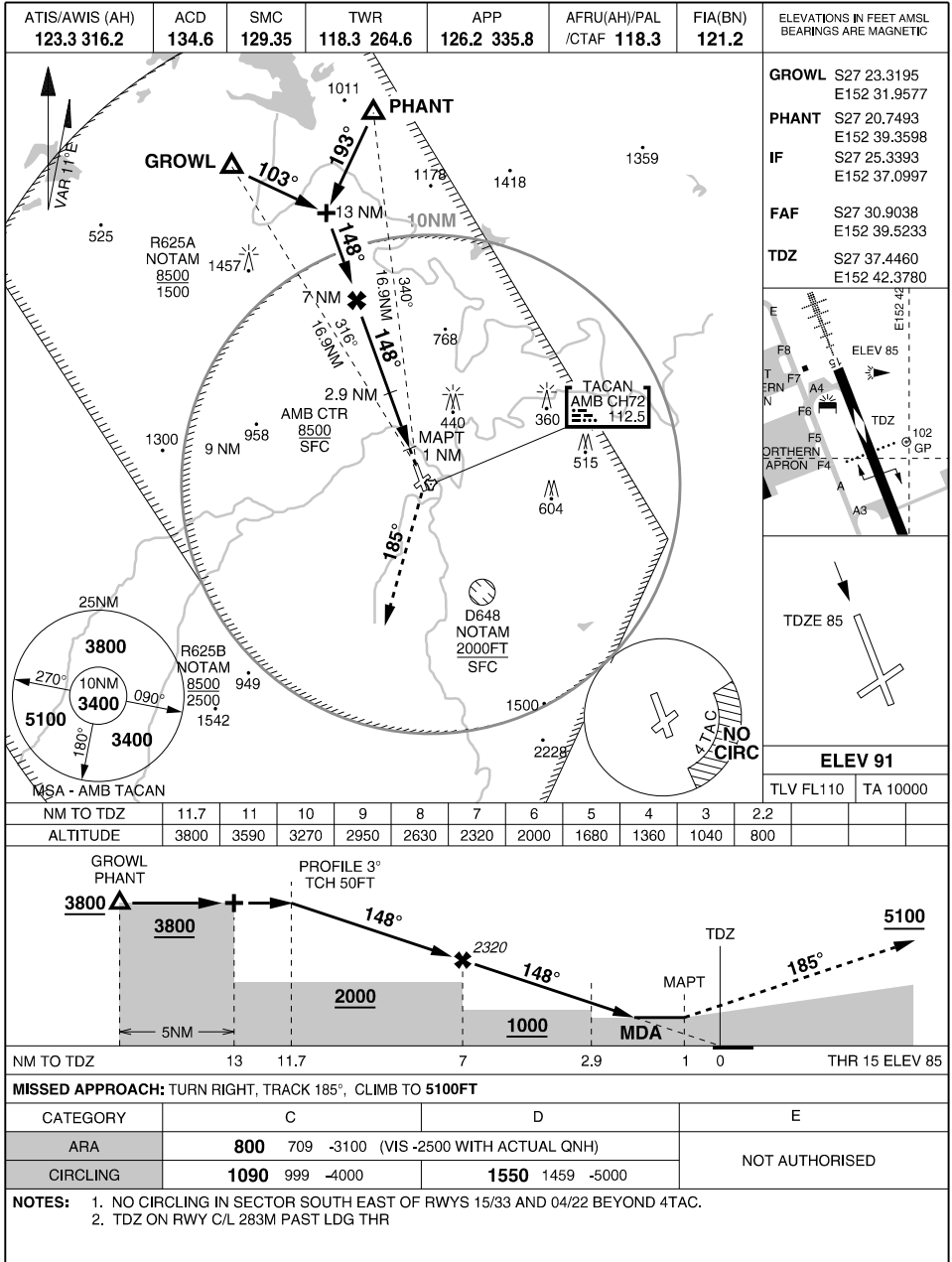
AMBERLEY (YAMB)
ILS-Y RWY 15

**AIS-AF
MILITARY USE ONLY**

MILITARY USE ONLY

S27 38.44 E152 42.71
PANS-OPS, WGS 84, AATCP-1

ARA RWY 15
AMBERLEY (YAMB)



CHANGES: RWY END DIAGRAM

05 SEP 24

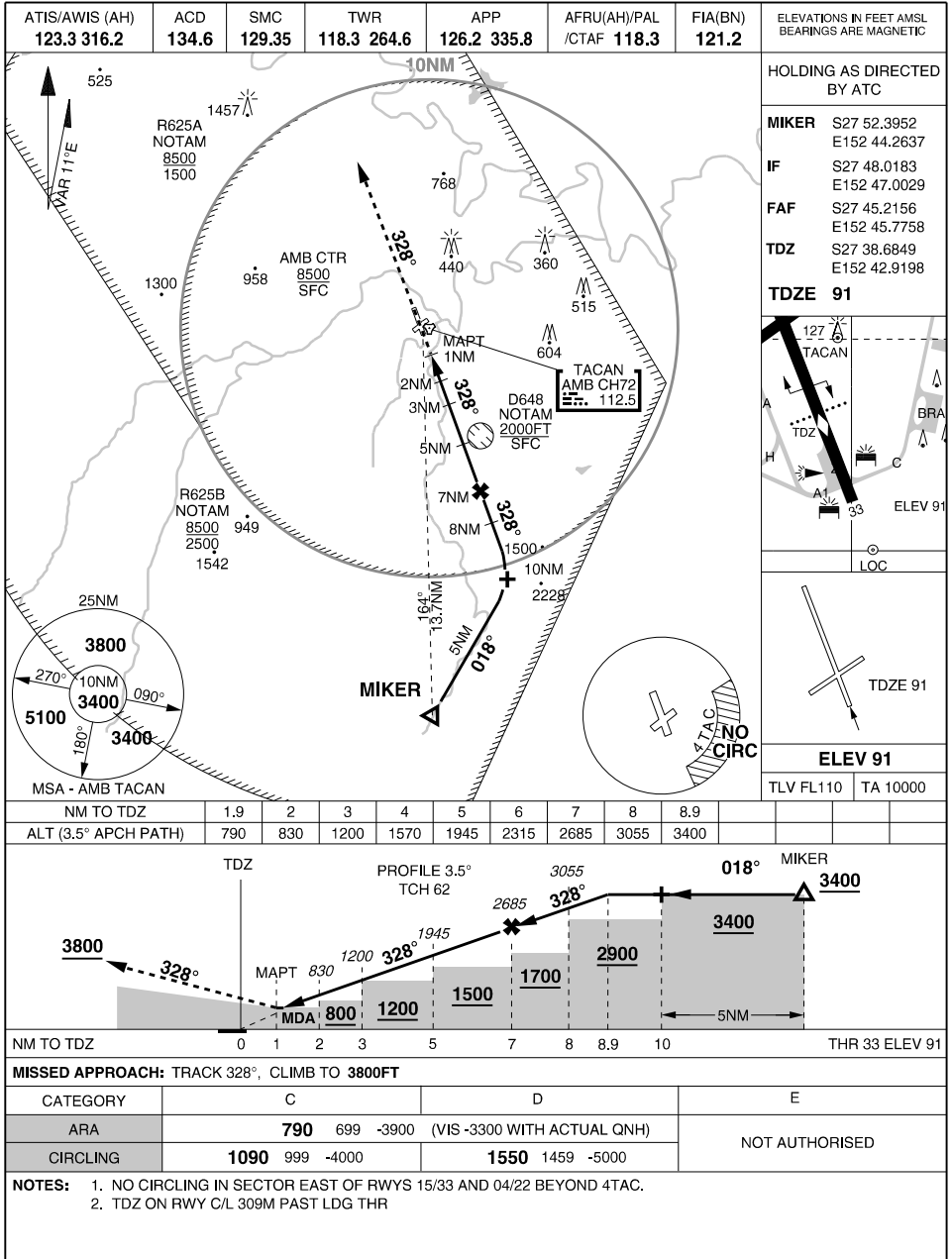
AIS-AF
MILITARY USE ONLY

AMBERLEY (YAMB)
ARA RWY 15

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S27 38.44 E152 42.71
PANS-OPS, WGS 84, AATCP-1

ARA RWY 33 AMBERLEY (YAMB)



CHANGES: LSALT

12 JUN 25

AIS-AF
MILITARY USE ONLY

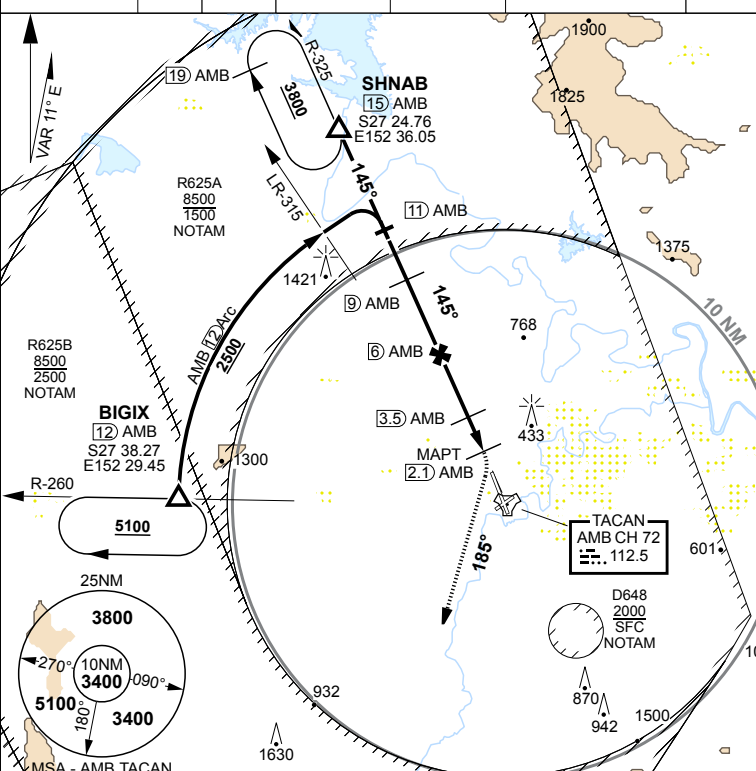
AMBERLEY (YAMB)
ARA RWY 33

PANS-OPS, WGS-84

1. NO CIRCLING IN SECTOR SOUTH EAST OF RWYS 15/33 AND 04/22 BEYOND 4TAC.
2. SHNAB HLDG TOLERANCES NOT CONTAINED WITHIN AMB RESTRICTED AIRSPACE.

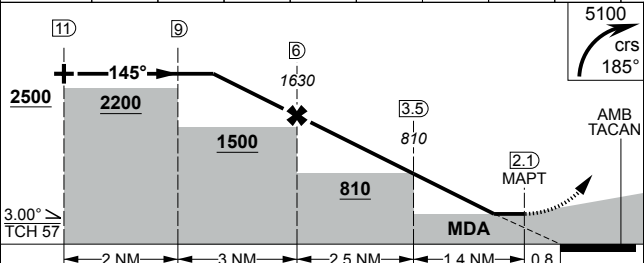
MISSED APPROACH:
TURN RIGHT, TRACK 185°,
CLIMB TO 5100FT.

ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC

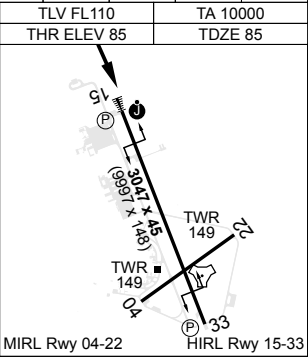


TRACK IN	TIME	MNM ALT	DME LIMIT
145°		3800	19
SHNAB HOLDING 15 TAC R-325  MAX IAS: SECTOR 1 ENTRY: 180KT			
TRACK IN	TIME	MNM ALT	DME LIMIT
080°	1	5100	
BIGIX HOLDING 12 TAC R-260 			

AMB TAC	8.7	8	7	6	5	4	3.3						
ALTITUDE	2500	2270	1950	1630	1310	1000	760						



CATEGORY	A	B	C	D
S-15	760 669	2800m	(VIS -2200 WITH ACTUAL QNH)	
CIRCLING	790 699 2000m	890 799 2400m	1090 999 4000m	1550 1459 5000m



CHANGES: EDITORIAL S27 38.44 E152 42.71

12 JUN 25

**AIS-AF
MILITARY USE ONLY**

AMBERLEY (YAMB) TACAN RWY 15

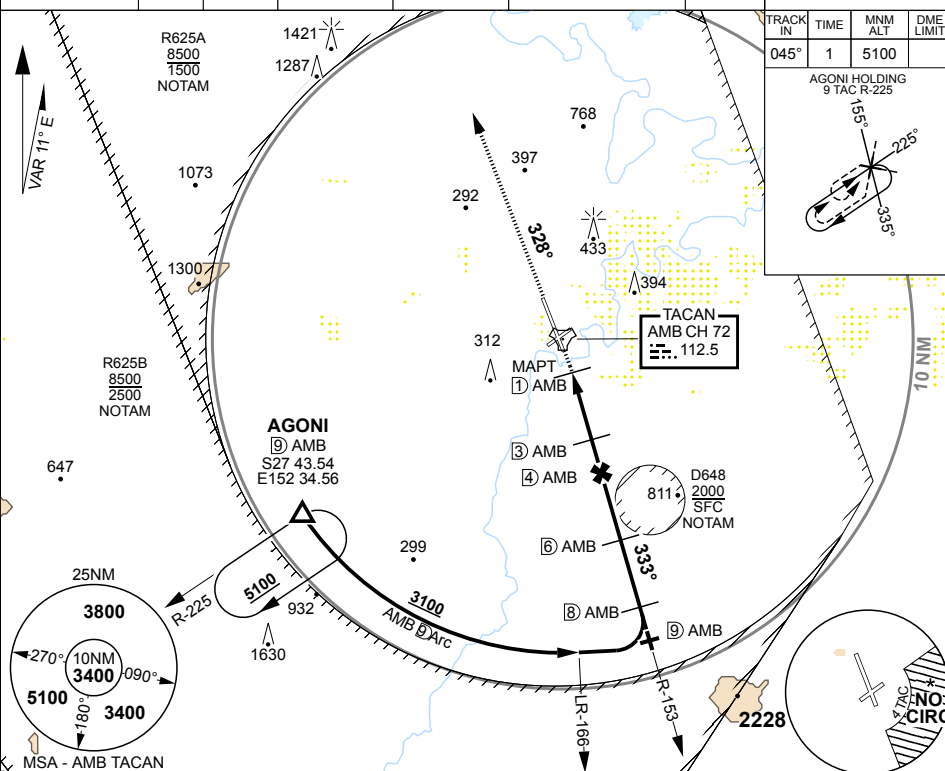
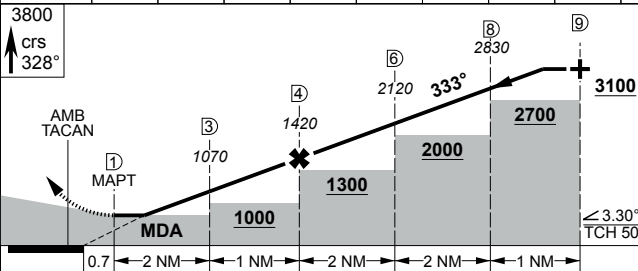
PANS-OPS, WGS-84

TACAN RWY 33
AMBERLEY (YAMB)

2. INTERMEDIATE GRADIENT (5.92% - 360FT/NM) EXCEEDS CRITERIA MAXIMUM. 3.3° DESCENT RECOMMENDED FOR CONSTANT RATE OF DESCENT.

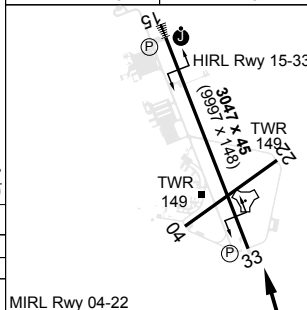
MISSED APPROACH:
TURN LEFT, TRACK 328°, CLIMB TO
3800FT.

ATIS/AWIS (AH) 123.3 316.2	ACD 134.6	SMC 129.35	TWR 118.3 264.6	APP 126.2 335.8	AFRU(AH)/PAL/CTAF 118.3	FIA(BN) 121.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
--------------------------------------	---------------------	----------------------	---------------------------	---------------------------	-----------------------------------	-------------------------	--

[illegible]

CATEGORY	A	B	C	D
S-33	720	629	3600m	
CIRCLING	790 699 2000m	890 799 2400m	1090 999 4000m	1550 1459 5000m

TLV FL110	TA 10000
THR ELEV 91	TDZE 91



CHANGES: CAT B CIRCLING MINIMA

S27 38.44 E152 42.71

28 NOV 24

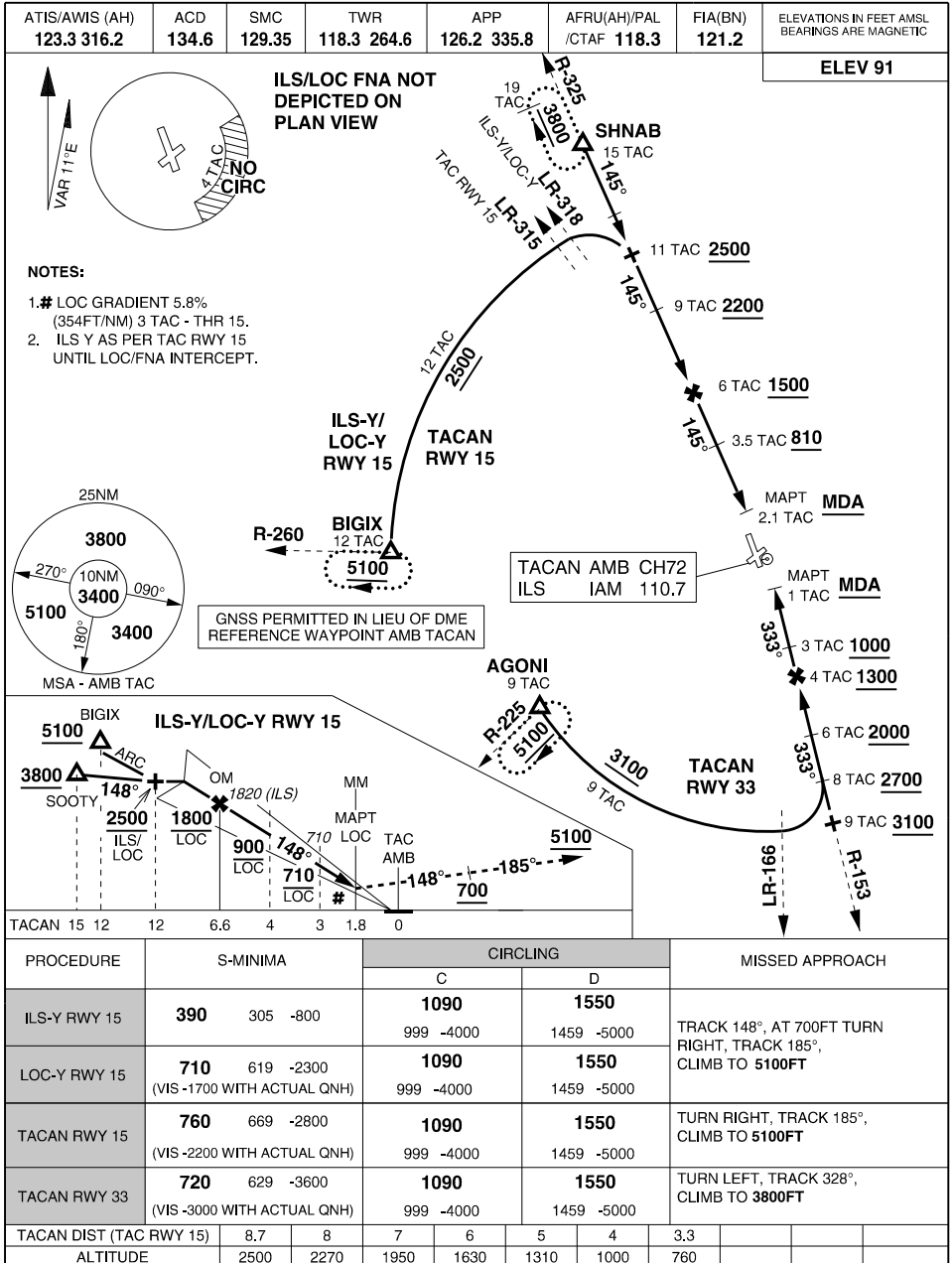
AMBERLEY (YAMB)
TACAN RWY 33

**AIS-AF
MILITARY USE ONLY**

MILITARY USE ONLY

S27 38.44 E152 42.71
PANS-OPS, WGS 84

COMPOSITE
AMBERLEY (YAMB)



CHANGES: TAC RWY 15 AND TAC RWY 33 MISSED APPROACH

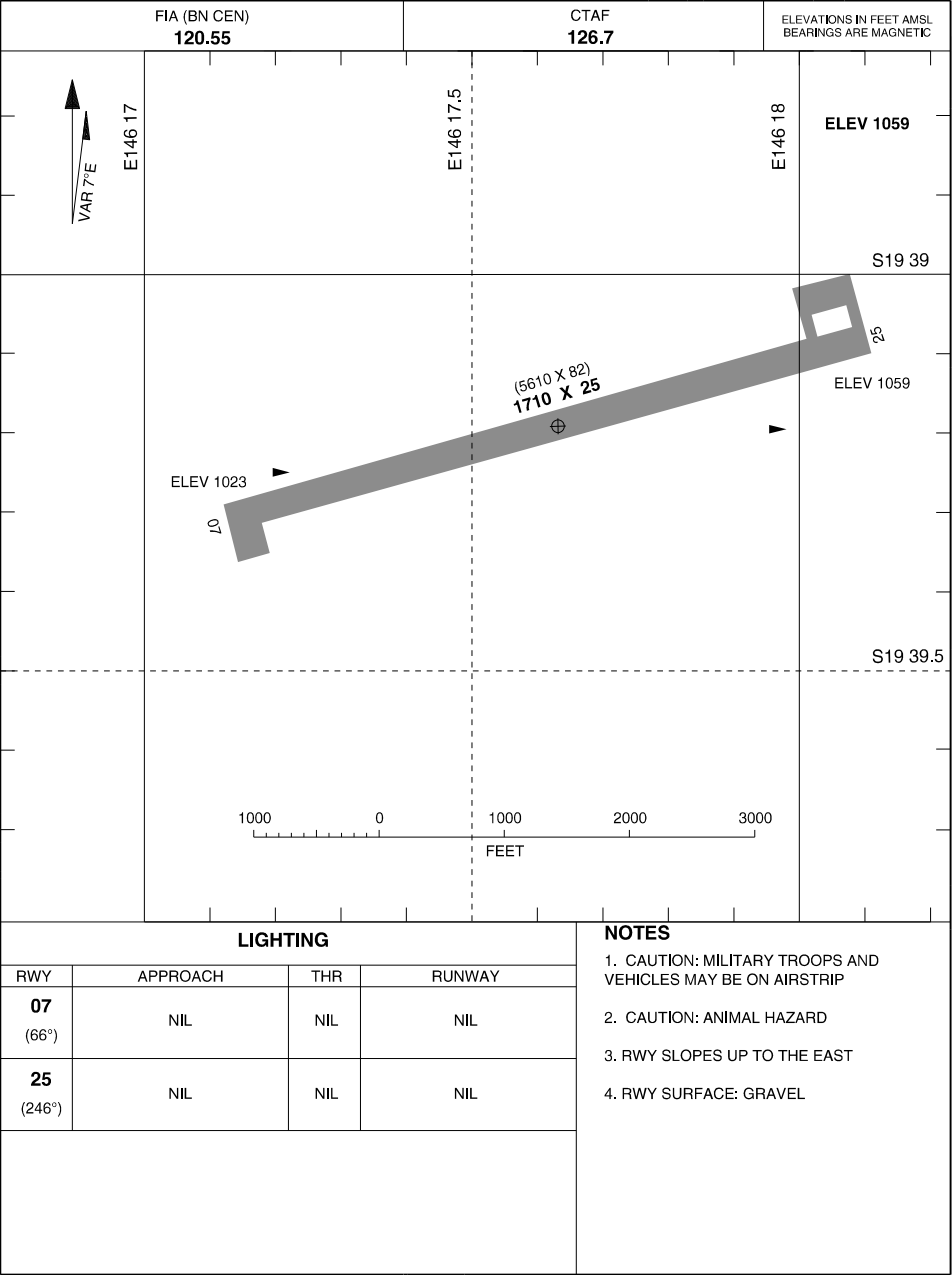
30 NOV 23

ACG
MILITARY USE ONLY

AMBERLEY (YAMB)
COMPOSITE

S19 39.20 E146 17.62
PANS-OPS, WGS 84

AERODROME CHART
BENING FIELD (YBEG)



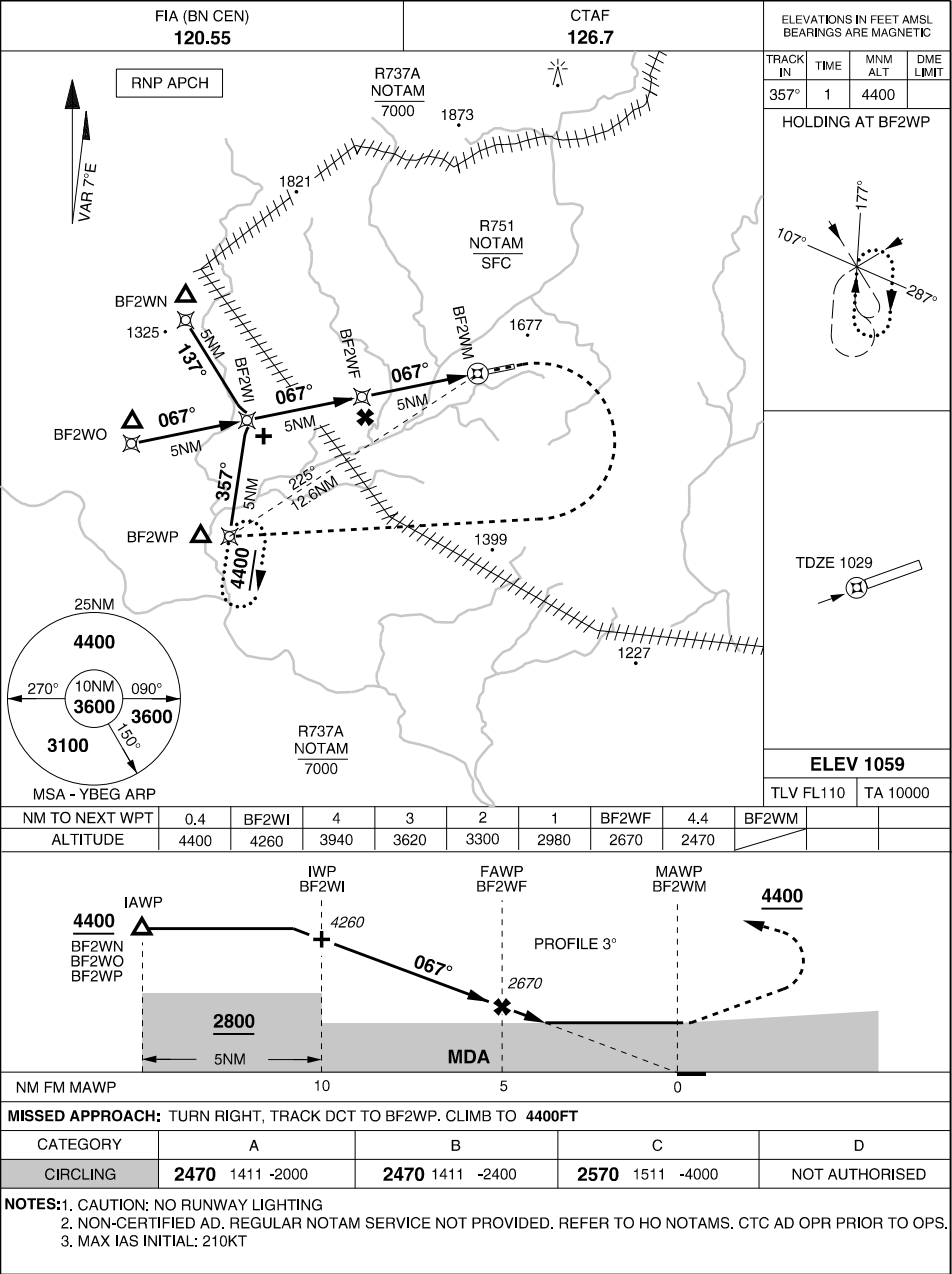
CHANGES: AD ELEV, THR ELEV, RWY DIMENSIONS

02 DEC 21

MILITARY USE ONLY

S19 39.20 E146 17.62
PANS-OPS, WGS 84

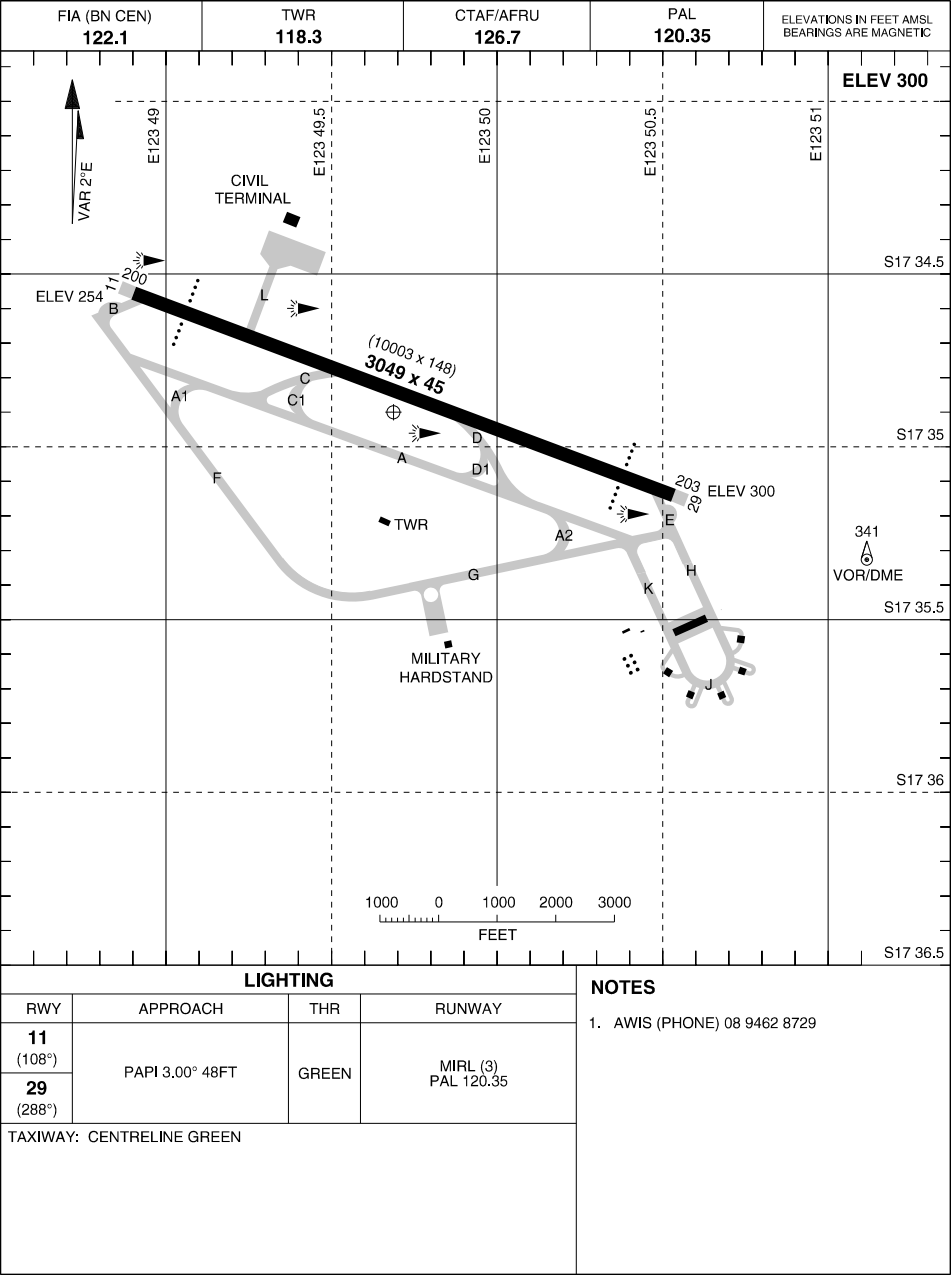
RNP W
BENING FIELD (YBEG)



MILITARY USE ONLY

AERODROME CHART
CURTIN (YCIN)

S17 34.89 E123 49.69
PANS-OPS, WGS 84



CHANGES: EDITORIAL
17 JUN 21

AIS-AF
MILITARY USE ONLY

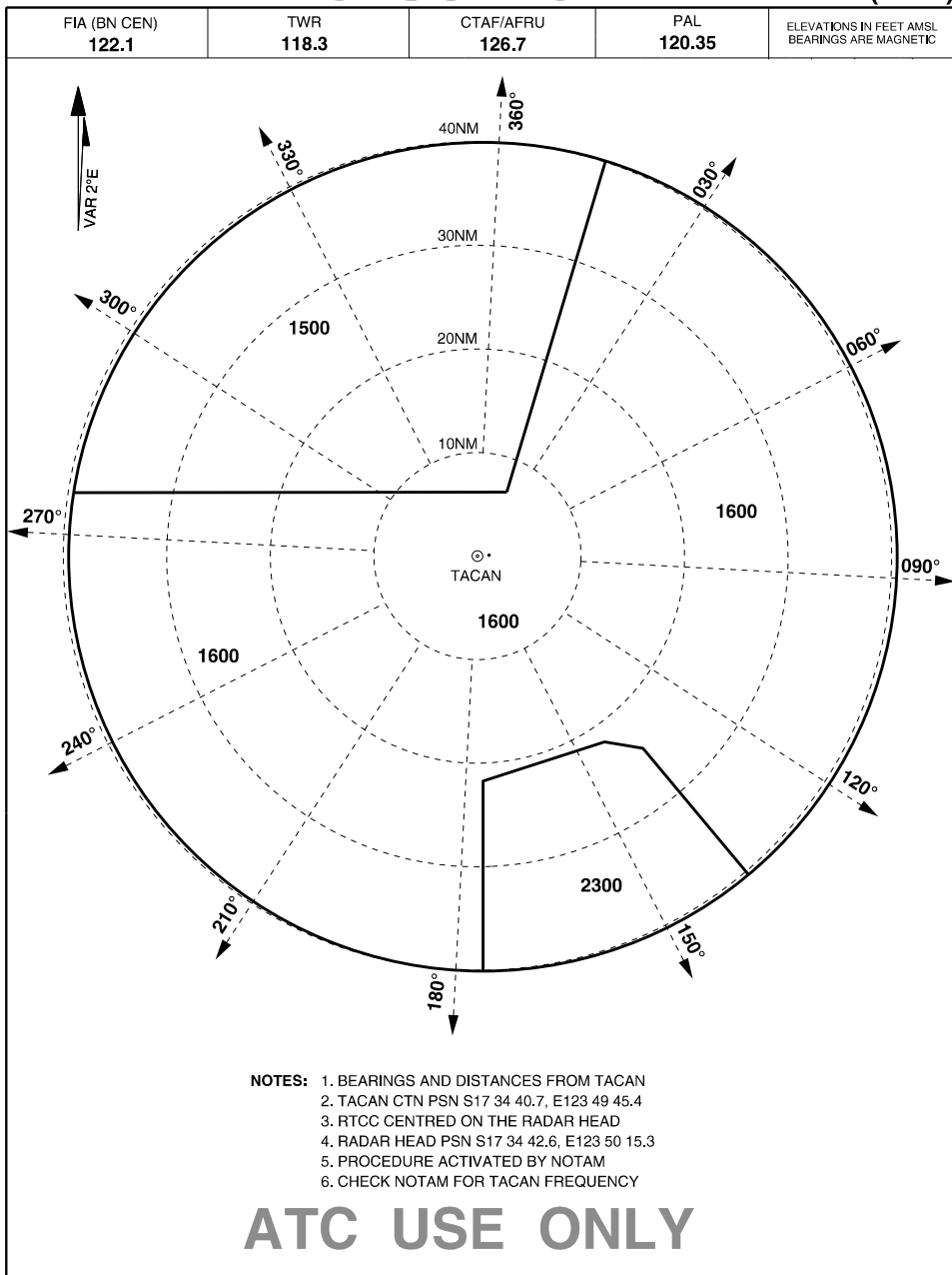
CURTIN (YCIN)
AERODROME CHART

S17 34.89 E123 49.69
PANS-OPS, WGS 84

MILITARY USE ONLY

ATC USE ONLY

RTCC
CURTIN (YCIN)



CHANGES: TAC/RADAR PSN NOTES

13 JUL 23

AIS-AF
MILITARY USE ONLY

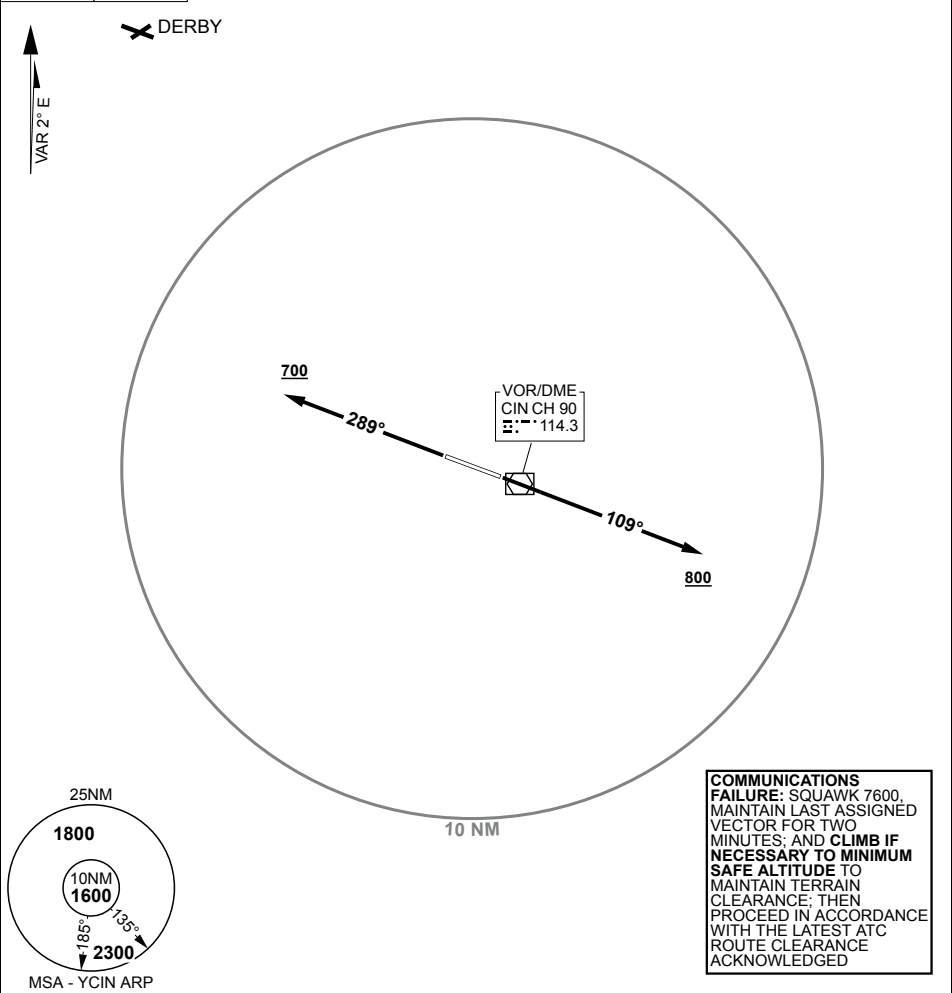
CURTIN (YCIN)
RTCC

SID (RADAR) ALL RWYS
CURTIN (YCIN)

PANS-OPS, WGS 84

TWR 118.3	FIA (BN CEN) 122.1	CTAF/AFRU 126.7	PAL 120.35	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
--------------	-----------------------	--------------------	---------------	--

ELEV 300	
TLV FL110	TA 10000



CURTIN ONE

RWY 11

GRAD 3.3%, TRACK 109°, AT 800FT, BUT NOT BEFORE DER, TURN TO ASSIGNED HEADING OR TRACK

RWY 29

GRAD 3.3%, TRACK 289°, AT 700FT, BUT NOT BEFORE DER, TURN TO ASSIGNED HEADING OR TRACK

CHANGES: NEW CHART

S17 34.89 E123 49.69

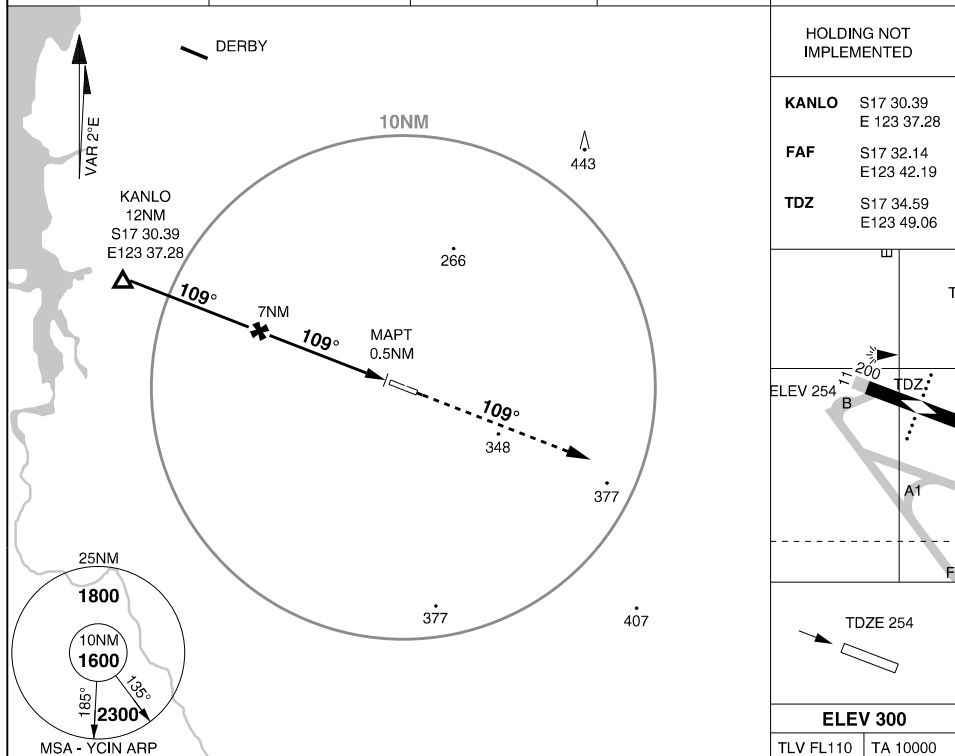
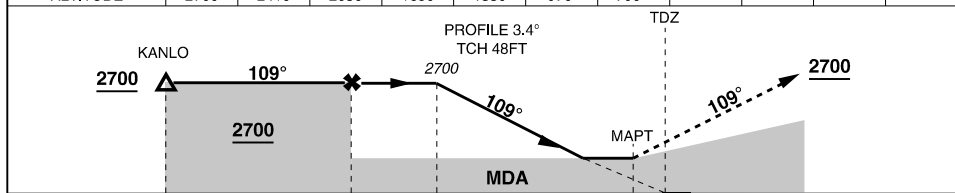
07 SEP 23

**AIS-AF
MILITARY USE ONLY**

CURTIN (YCIN)
SID (RADAR) ALL RWYS

ARA RWY 11
CURTIN (YCIN)

FIA (BN CEN) 122.1	TWR 118.3	CTAF/AFRU 126.7	PAL 120.35	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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[illegible]

NM TO TDZ 11	12	7	6.8	0.5	0	THR 11 ELEV 254
--------------	----	---	-----	-----	---	-----------------

MISSED APPROACH: TRACK 109°. CLIMB TO 2700FT

CATEGORY	C			D		
ARA	790	536	-3000	(VIS -2400 WITH ACTUAL QNH)		
CIRCLING	1030	730	-4000	1090	790	-5000

NOTES: 1. TDZ ON RWY C/L 279M PAST LDG THR
2. YDBY NDB HOLDING PATTERN UNDERLIES KANLO

CHANGES: RWY END DIAGRAM

20 MAR 25

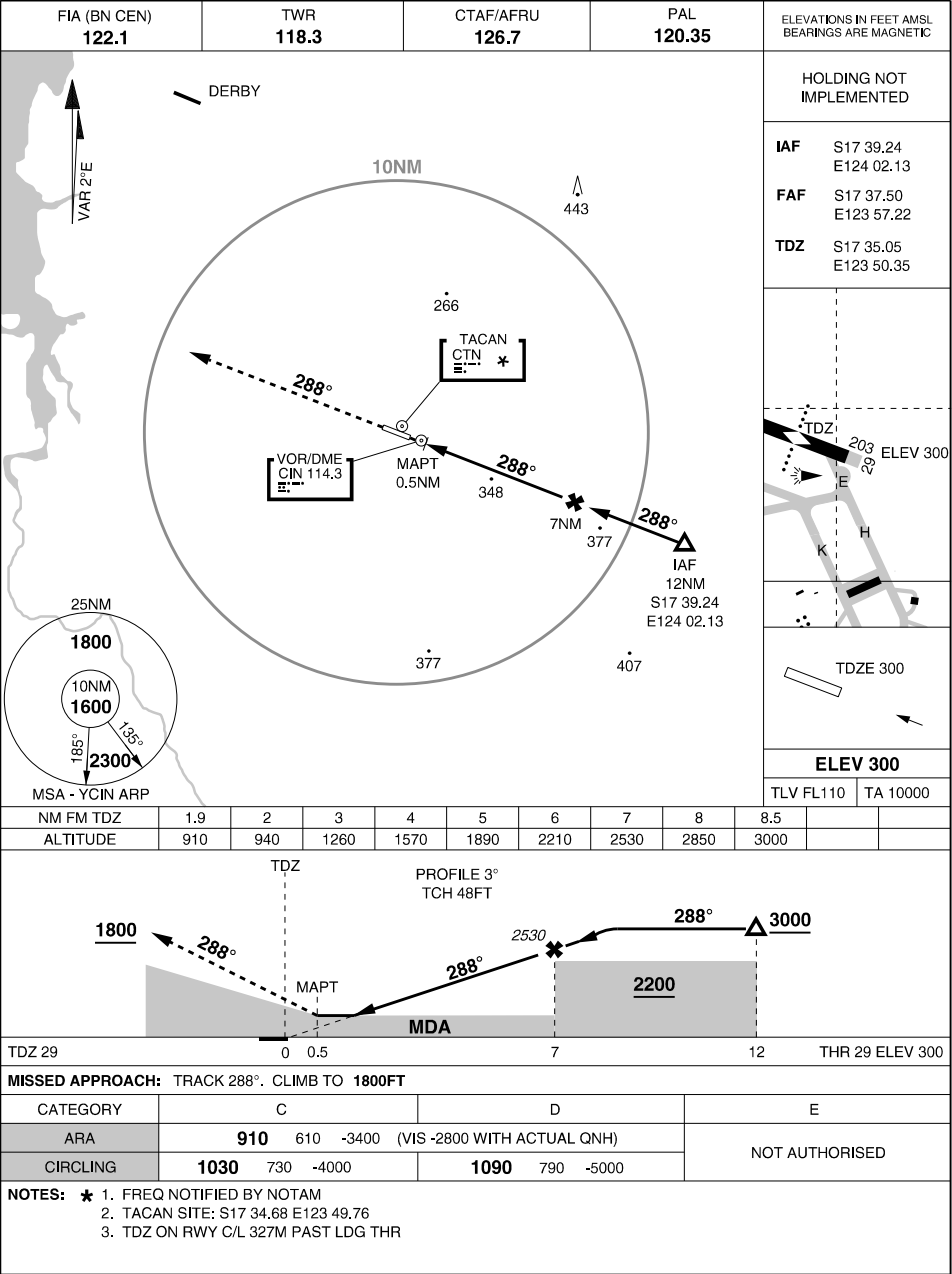
AIS-AF
MILITARY USE ONLY

CURTIN (YCIN)
ARA RWY 11

MILITARY USE ONLY

S17 34.89 E123 49.69
PANS-OPS, WGS 84, AATCP-1

ARA RWY 29
CURTIN (YCIN)



CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

CURTIN (YCIN)
ARA RWY 29



TACAN RWY 29
CURTIN (YCIN)

FIA (BN CEN) 122.1	TWR 118.3	CTAF/AFRU 126.7	PAL 120.35
------------------------------	---------------------	---------------------------	----------------------

WARNING
PROC UNAVAILABLE
UNTIL ACTIVATED BY
NOTAM

* FREQ NOTIFIED
BY NOTAM

VAR 2°E

10NM

25NM

1800

10NM

1600

2300

MSA - YCIN ARP

CTN	TACAN DIST	2.5	3	4	5	6
ALTITUDE	860	1030	1350	1670	2000	

TRACK IN	TIME	MNM ALT	DME LIMIT
240°		2000	20

HOLDING AT 15 TAC
R-060

TRACK IN	TIME	MNM ALT	DME LIMIT
340°		2000	20

HOLDING AT 15 TAC
R-160

ELEV 300

TLV FL110	TA 10000
-----------	----------

TACAN

TACAN CTN 0 1.6 6 11 15 ARC 15 THR 29 ELEV 300

MISSED APPROACH: TRACK DIRECT TO TACAN THEN R-294, CLIMB TO 1800FT

CATEGORY	A	B	C	D	E
TACAN			860 560 -3100		
CIRCLING	930 630 -2400		1030 730 -4000	1090 790 -5000	NOT AUTHORISED

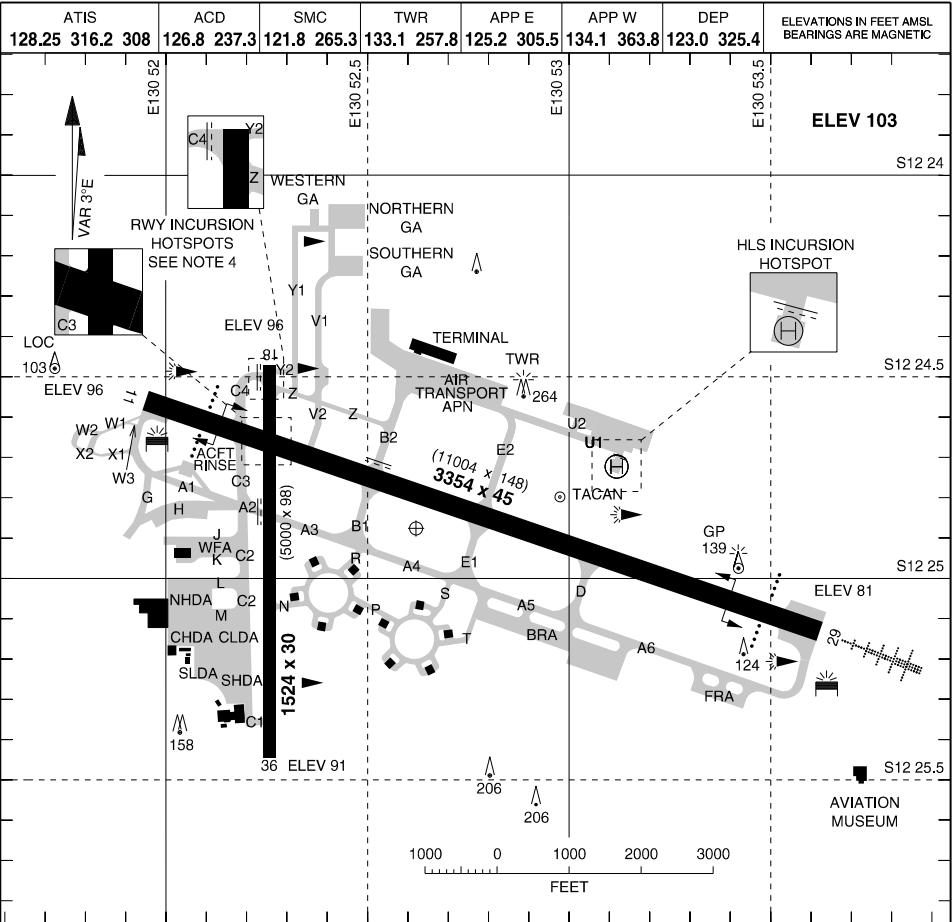
NOTES: 1. PROCEDURE ACTIVATED BY NOTAM 3. CTN TAC PSN: S17 34 40.7
 * 2. CHECK NOTAM FOR TACAN FREQUENCY E123 49 45.4

CURTIN (YCIN)
TACAN RWY 29

MILITARY USE ONLY

S12 24.88 E130 52.61
PANS-OPS, WGS 84

AERODROME CHART
DARWIN INTL (YPDN)



LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
11 (106°)	PAPI 3.00° 57FT	GREEN	HIRL (6)	
29 (286°)	HIAL (6) PAPI 3.00° 59FT	GREEN		
18 (177°)	NIL	NIL	NIL	
36 (357°)				
OBSTRUCTION ILLUMINATED WIND INDICATOR TWY: CL GREEN AIR TRANSPORT APN: TWY BLUE EDGE LGT S OF BAYS 2, 3 AND 21, 22 TWYS C4, V2, Y & Z (WEST OF V) ARE UNLIT NORTHERN HELIPAD: ILLUMINATED BY WHITE LIGHTS NORTHERN HELIPAD TWY: GREEN CL LIGHTS				

1. RWY LIGHTS POSITIONED 3FT FROM EDGE.
2. LDA FOR LAHSO: FM THR RWY 29 TO RWS EDGE 18 / 36 - 2687M FM THR RWY 36 TO RWS EDGE 11 / 29 - 1146M.
3. CIRCLING TO RWY 11 / 29 NOT APPROVED UNLESS RWY LIGHTS ARE AT STAGE 2 OR HIGHER
4. CAUTION: RWY INCURSION HOTSPOTS: RWY 18 / 36 AND TWY C4 INTERSECTION OF RWY 11 / 29 AND 18 / 36 ACFT MUST NOT VACATE/ENTER ONTO THE CROSSING RWY WITHOUT ATC APPROVAL.
5. ROBERTSON BARRACKS (YRBK) CTAF 126.6, H24

CHANGES: RWY 11 A-GEAR, PAPI PSN

20 MAR 25

AIS-AF
MILITARY USE ONLY

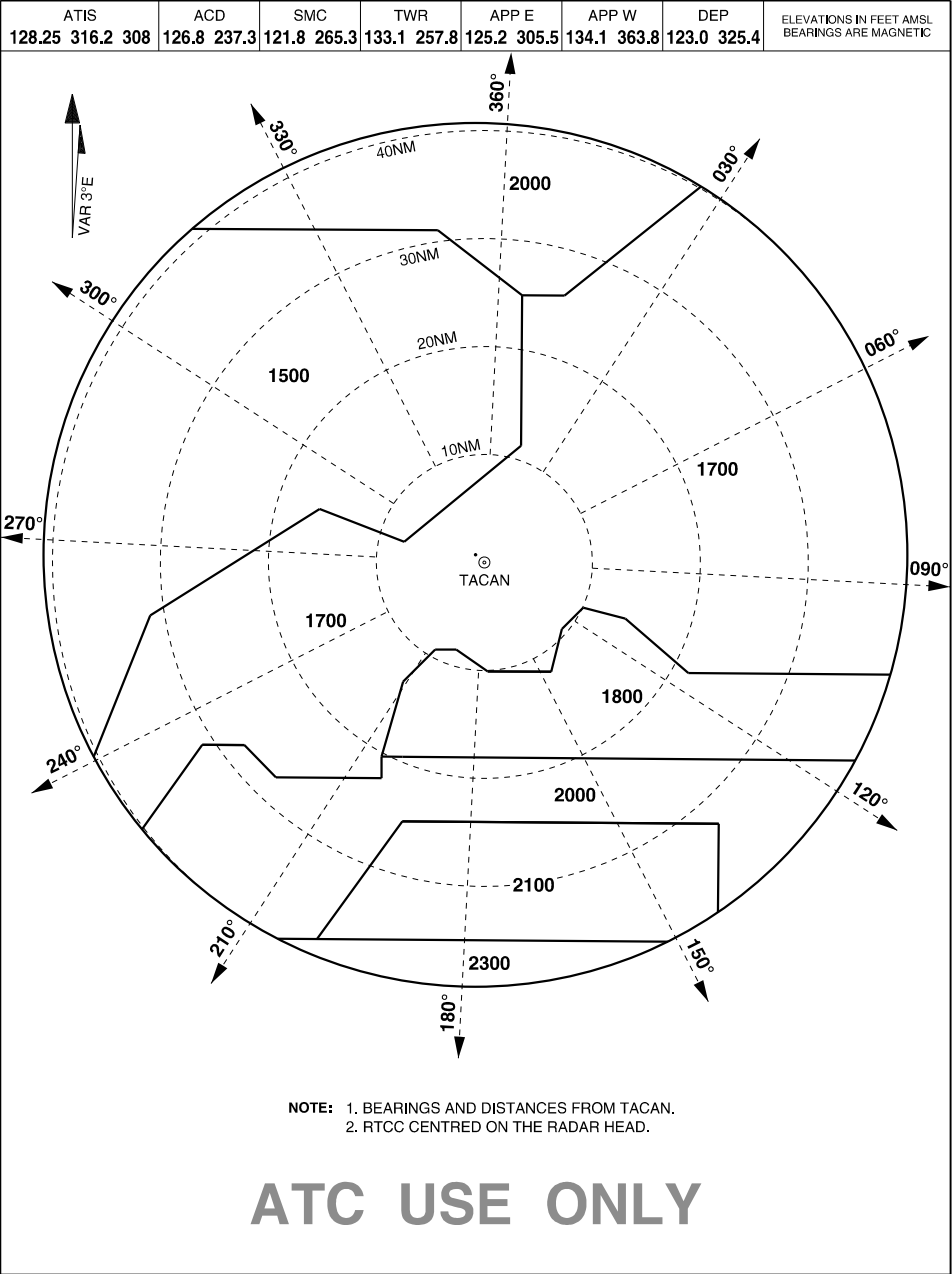
DARWIN INTL (YPDN)
AERODROME CHART

S12 24.88 E130 52.61
PANS-OPS, WGS 84

MILITARY USE ONLY

ATC USE ONLY

RTCC
DARWIN INTL (YPDN)



CHANGES: MAG VAR

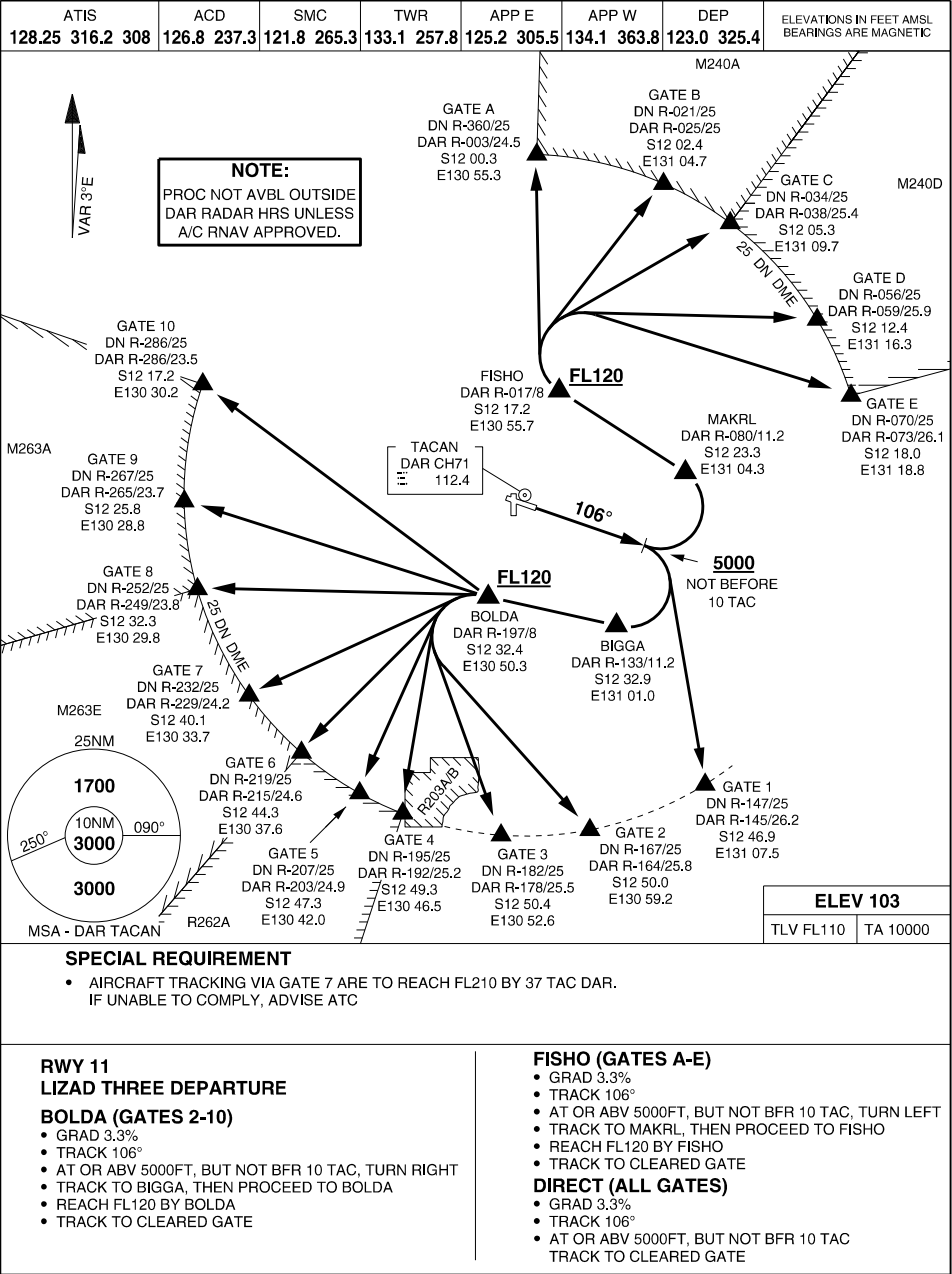
05 SEP 24

AIS-AF
MILITARY USE ONLY

DARWIN INTL (YPDN)
RTCC

S12 24.88 E130 52.61
PANS-OPS, WGS 84

SID RWY 11 (ACG USE ONLY)
MILITARY USE ONLY
DARWIN INTL (YPDN)



CHANGES: SUA IDENT
28 NOV 24

MILITARY USE ONLY
AIS-AF

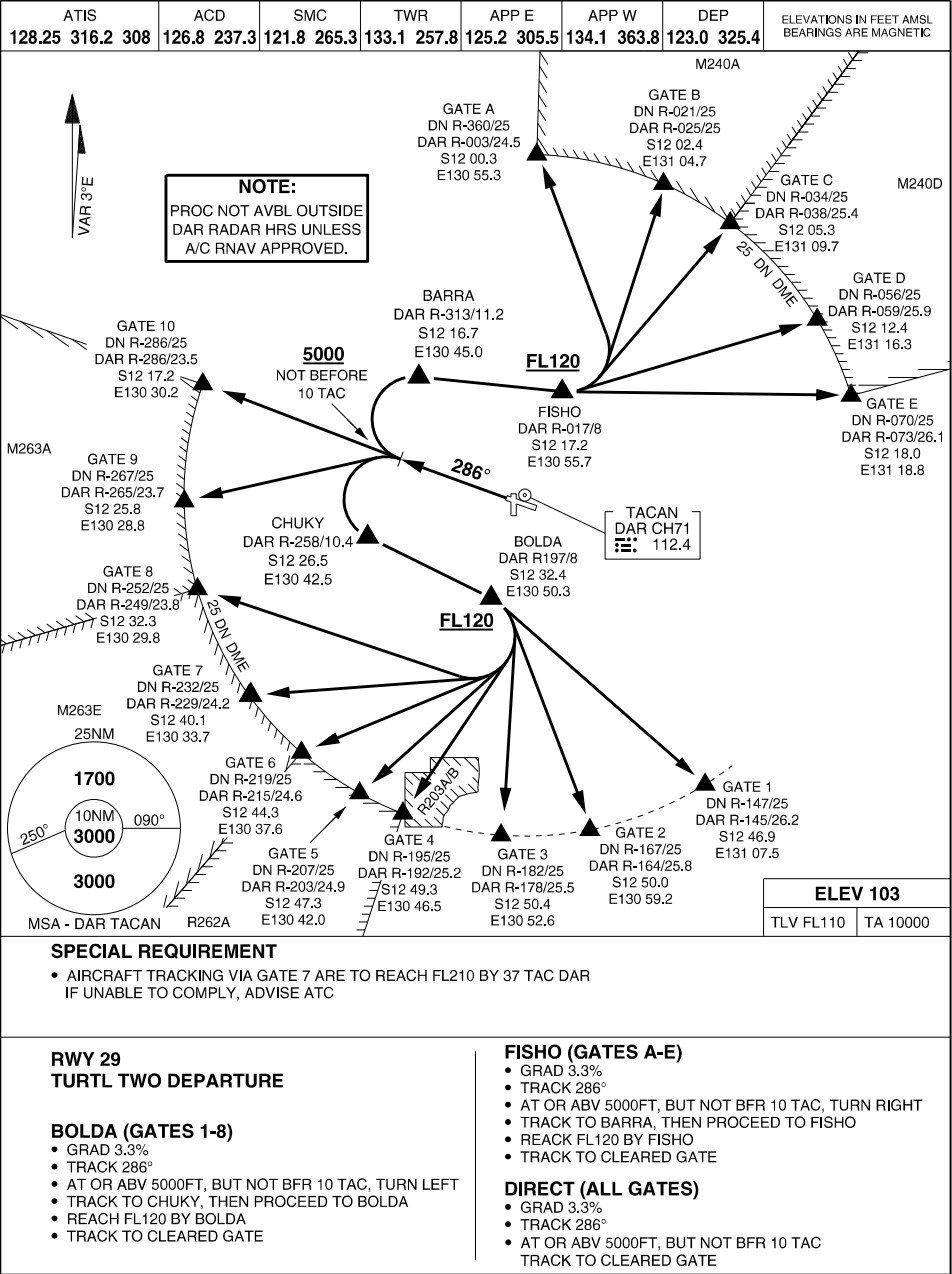
DARWIN INTL (YPDN)
SID RWY 11 (ACG USE ONLY)

S12 24.88 E130 52.61
PANS-OPS, WGS 84

SID RWY 29 (ACG USE ONLY)

MILITARY USE ONLY

DARWIN INTL (YPDN)



CHANGES: SUA IDENTS

28 NOV 24

MILITARY USE ONLY
AIS-AF

DARWIN INTL (YPDN)
SID RWY 29 (ACG USE ONLY)

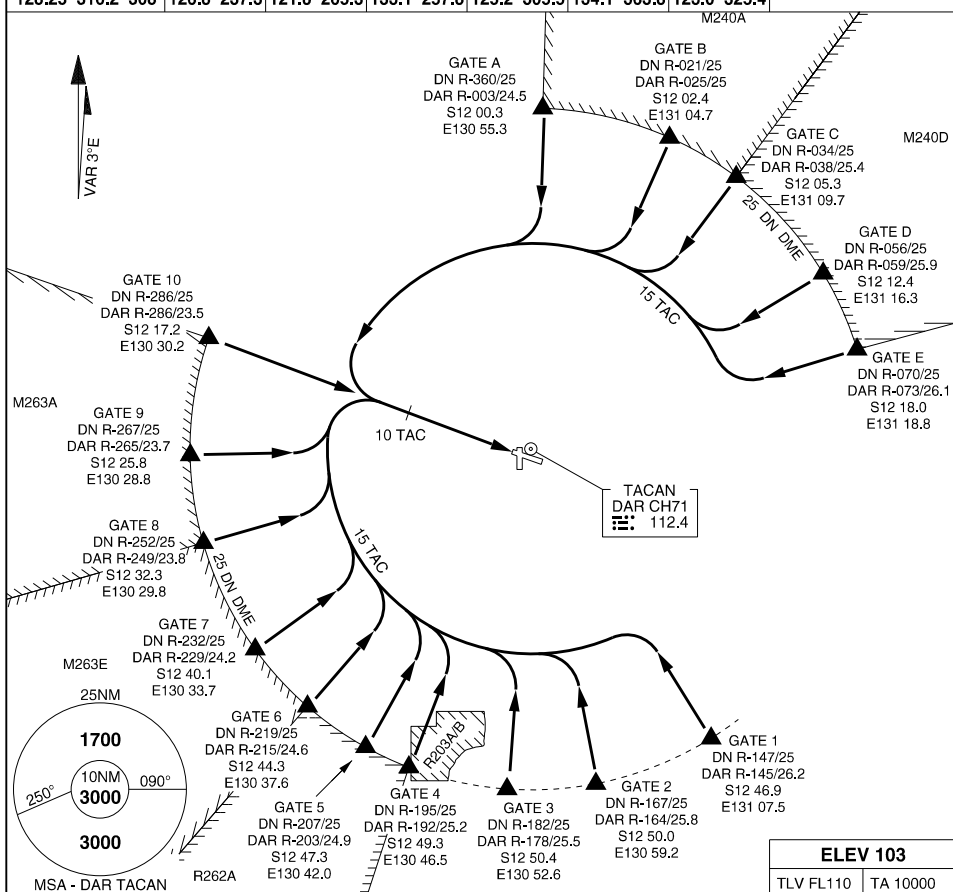
STAR RWY 11 (ACG USE ONLY)

PANS-OPS. WGS 84

MILITARY USE ONLY

DARWIN INTL (YPDN)

ATIS	ACD	SMC	TWR	APP E	APP W	DEP	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
128 25 316 2 308	126 8 237 3	121 8 265 3	133 1 257 8	125 2 305 5	134 1 363 8	123 0 325 4	



DISCO THREE ARRIVAL

- MAX IAS 250KT BY ASSIGNED GATE
- INTERCEPT ASSIGNED GATE PRIOR TO LEAVING ACTIVE MILITARY OPERATING/ RESTRICTED AREA
- FROM ASSIGNED GATE TRACK DCT DAR TAC
- INTERCEPT 15 TAC DAR ARC TO INBOUND TRACK RWY 11

IMC

- MAKE TACAN OR VOR/DME RWY 11 APPROACH

VMC

- DESCEND NOT BELOW 4000FT UNTIL 10 TAC DAR, THEN
- TRACK FOR INITIAL AND PITCH OR FOR STRAIGHT-IN VISUAL APCH

- **FOR INITIAL AND PITCH**
 - TRACK FOR STRAIGHT INITIAL
 - AT 10 TAC DAR DES AND REACH 2000FT BY 5 TAC
 - MAINTAIN NOT BELOW 2000FT UNTIL BASE TURN

- FOR STRAIGHT-IN VISUAL APCH
- TRACK FOR STRAIGHT-IN VISUAL APCH RWY 11

CHANGES: SUA IDENTIS, EDITORIAL

28 NOV 24

MILITARY USE ONLY

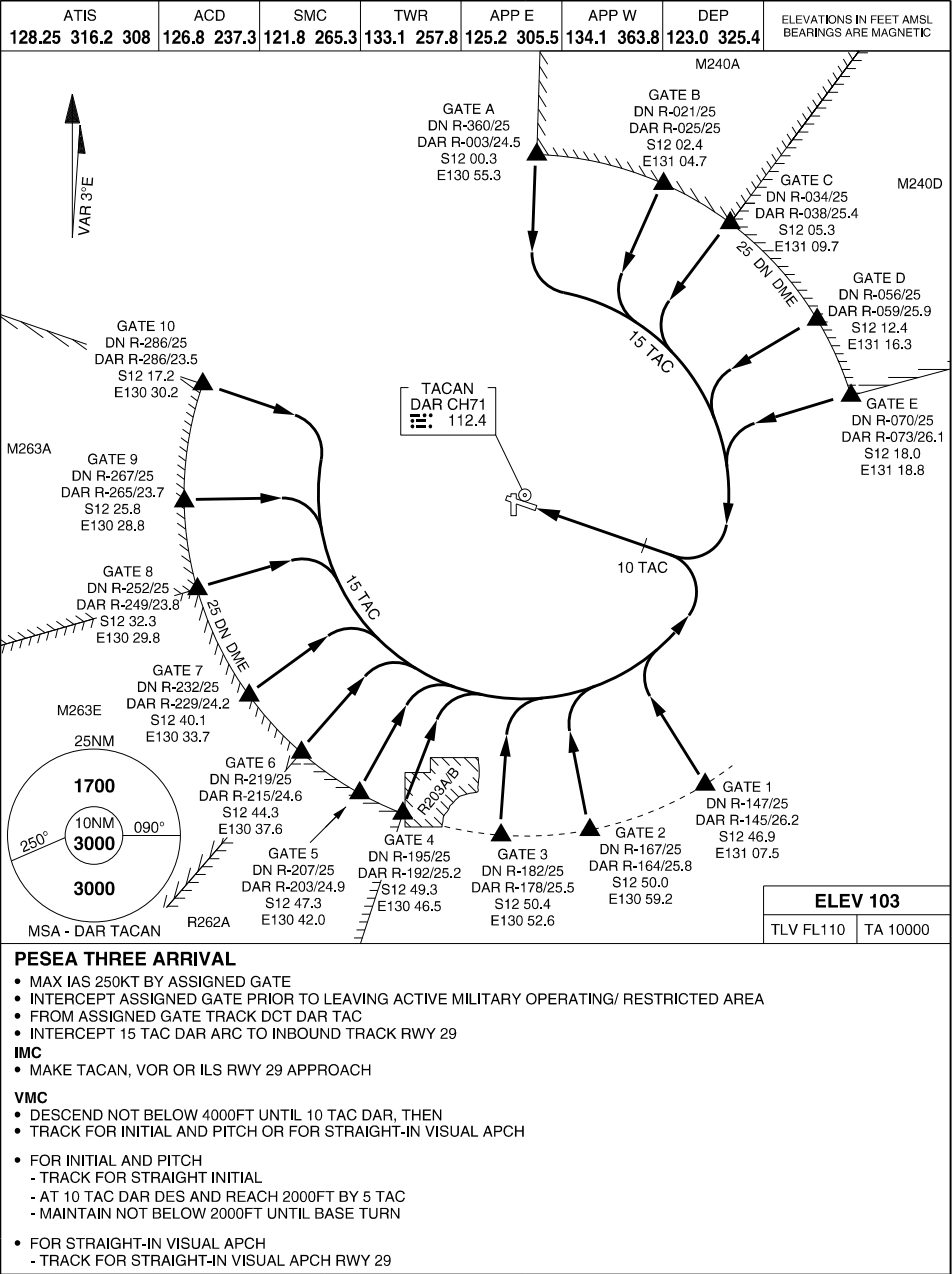
AIS-AF

DARWIN INTL (YPDN)

STAR RWY 11 (ACG USE ONLY)

STAR RWY 29 (ACG USE ONLY)
DARWIN INTL (YPDN)

MILITARY USE ONLY



CHANGES: SUA IDENTS, EDITORIAL

28 NOV 24

MILITARY USE ONLY
AIS-AF

DARWIN INTL (YPDN)
STAR RWY 29 (ACG USE ONLY)

LOC IDN	APCH CRS	RWY LDG	11,004
109.7	286°	THR ELEV	81
		AD ELEV	103

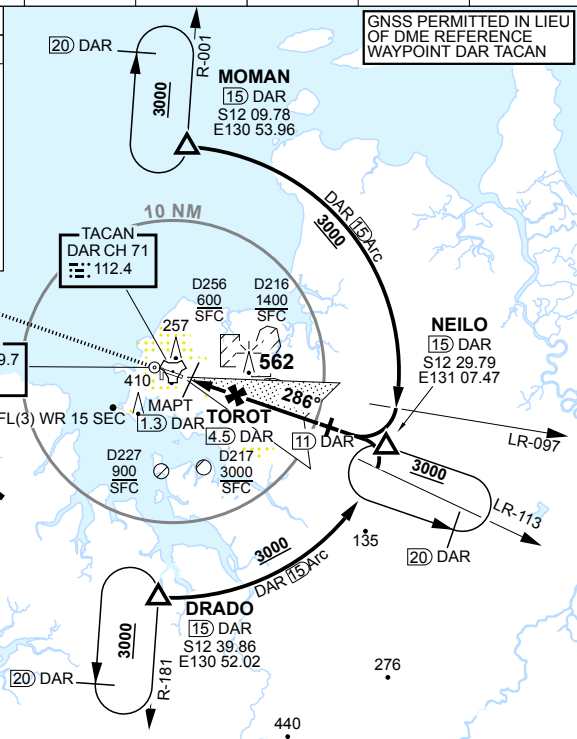
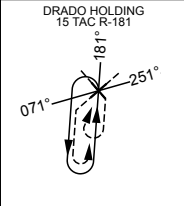
ILS-Y OR LOC-Y RWY 29 (USING DAR TACAN CH71) PANS-OPS, WGS-84 **DARWIN INTL (YPDN)**

1. NO CIRCLING IN SECTOR SOUTH WEST OF RWYS 11/29 AND 18/36 BEYOND 2.5NM.
 2. ACFT MAY BE RADAR VECTORED TO FINAL.

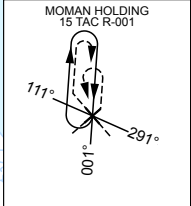
MISSED APPROACH:
 TRACK 286°. CLIMB TO 3000FT OR AS DIRECTED BY ATC.

ATIS	ACD	SMC	TWR	APP E	APP W	DEP	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
128.25 316.2 308	126.8 237.3	121.8 265.3	133.1 257.8	125.2 305.5	134.1 363.8	123.0 325.4	

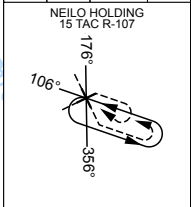
TRACK IN	TIME	MNM ALT	DME LIMIT
001°		3000	20



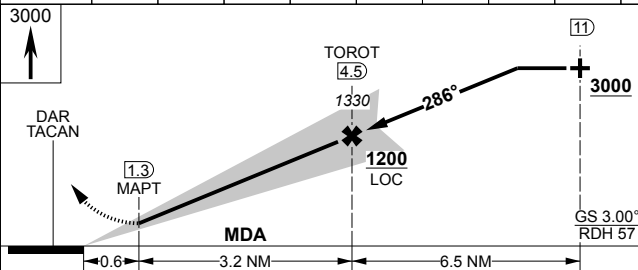
TRACK IN	TIME	MNM ALT	DME LIMIT
181°		3000	20



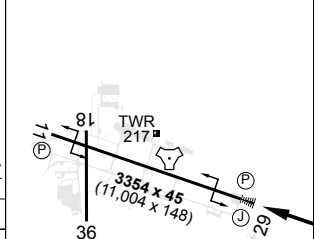
TRACK IN	TIME	MNM ALT	DME LIMIT
286°		3000	20



DAR TAC	2.4	3	4	5	6	7	8	9	9.7				
ALTITUDE	650	860	1180	1490	1810	2130	2450	2770	3000				



TLV FL110	TA 10000
THR ELEV 81	TDZE 90



CATEGORY	A	B	C	D	E
S-ILS 29	400		319		800m
S-LOC 29	650	569	2200m		(VIS -1700 WITH ACTUAL QNH)
CIRCLING	790	687	2400m	900 797 4000m	1100 997 5000m
				1420 1317 7000m	

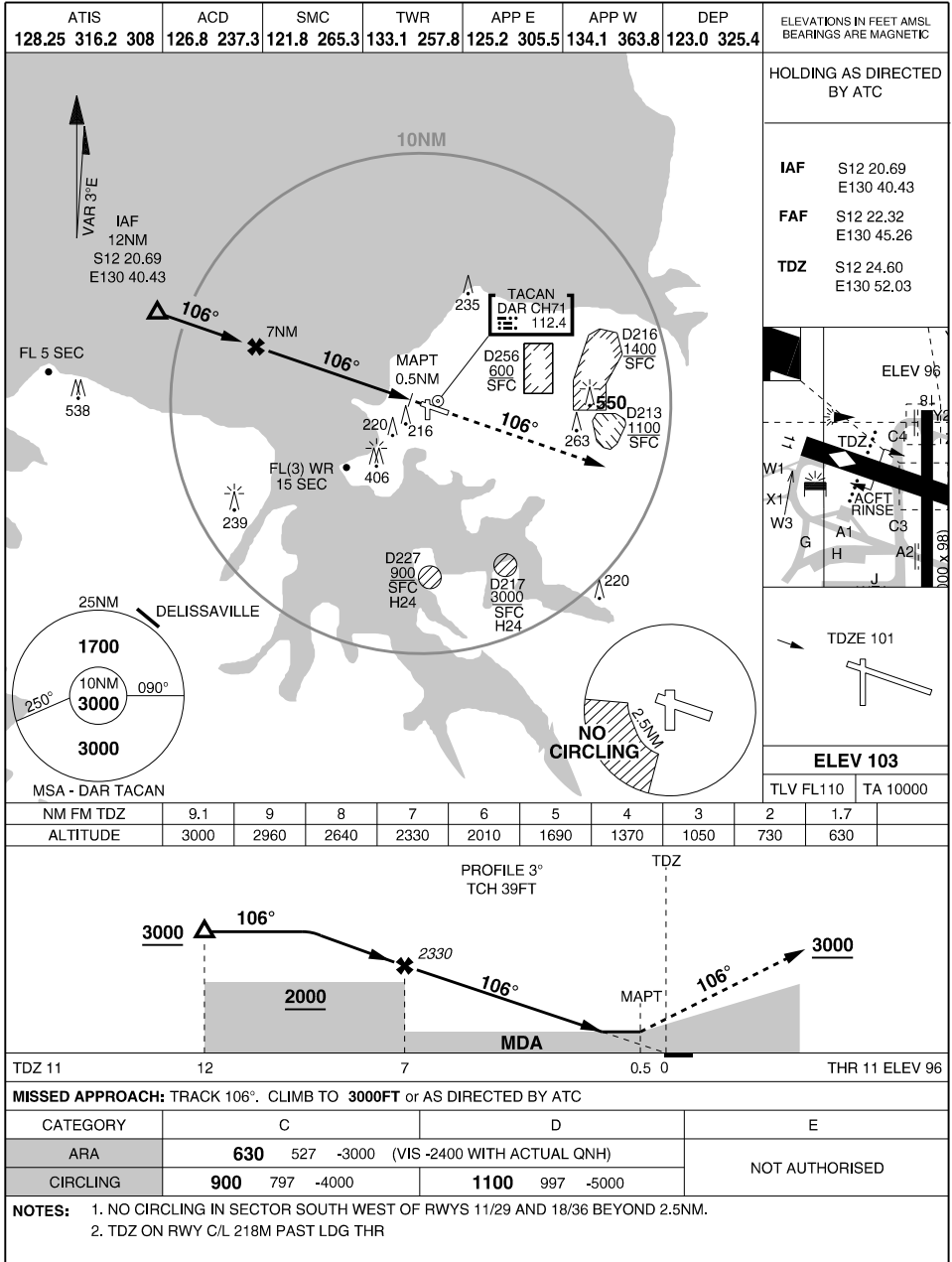
CHANGES: SUA D216
28 NOV 24
 45

S12 24.88 E130 52.61
DARWIN INTL (YPDN)
 ILS-Y OR LOC-Y RWY 29 (USING DAR TACAN CH71)
 AIS-AF: MILITARY USE ONLY

MILITARY USE ONLY

S12 24.88 E130 52.61
PANS-OPS, WGS 84, AATCP-1

ARA RWY 11
DARWIN INTL (YPDN)



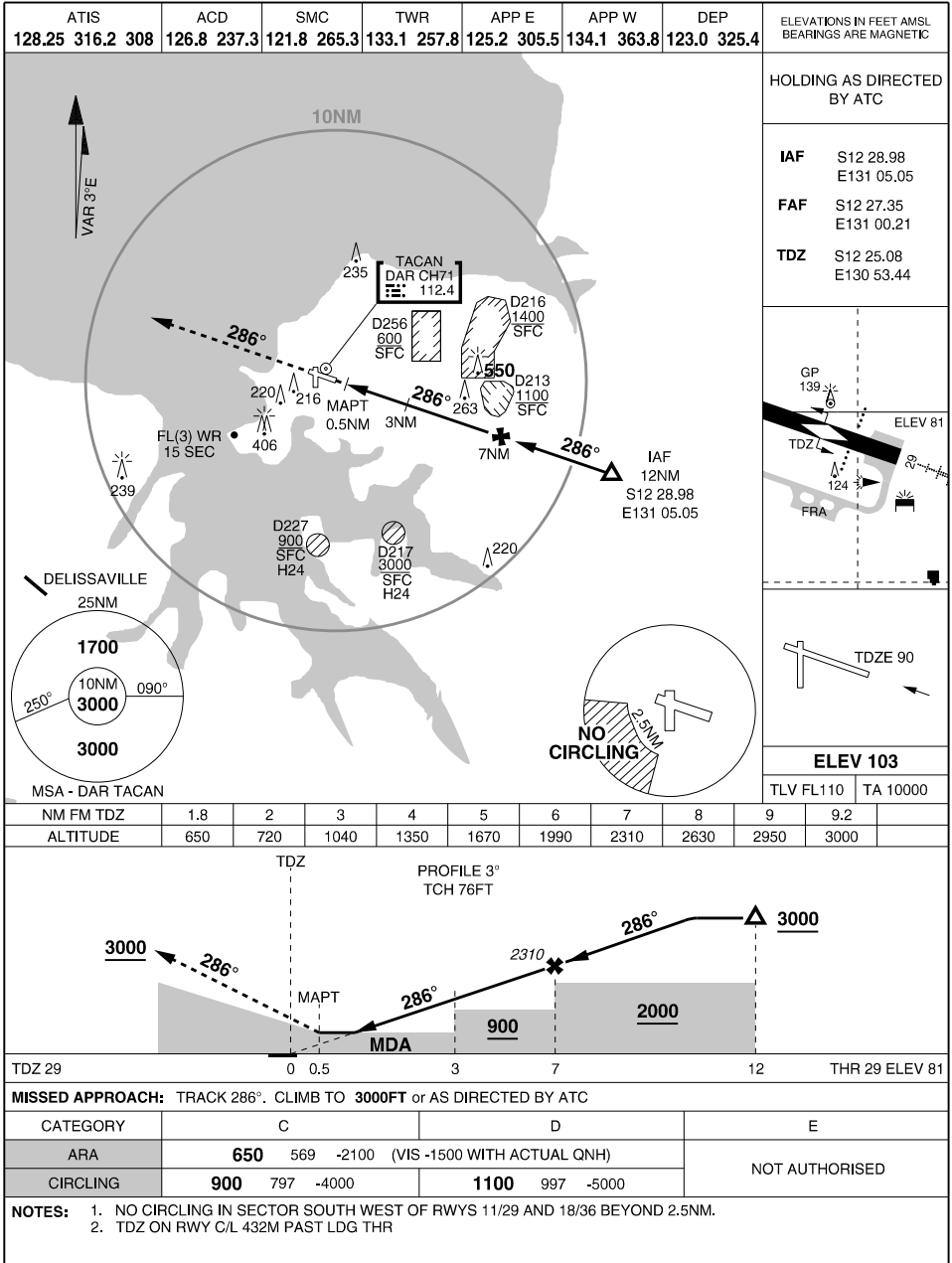
DARWIN INTL (YPDN)
ARA RWY 11

AIS-AF
MILITARY USE ONLY

MILITARY USE ONLY

S12 24.88 E130 52.61
PANS-OPS, WGS 84, AATCP-1

ARA RWY 29
DARWIN INTL (YPDN)



CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

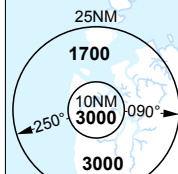
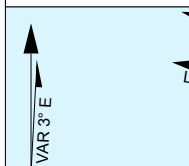
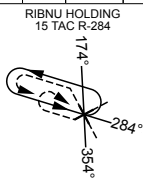
DARWIN INTL (YPDN)
ARA RWY 29

PANS-OPS, WGS-84

1. NO CIRCLING IN SECTOR SOUTH WEST OF RWYS 11/29
AND 18/36 BEYOND 2.5NM.

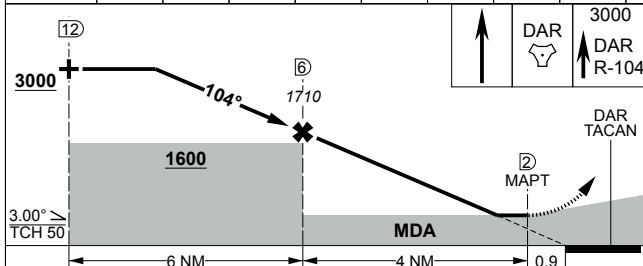
MISSED APPROACH:
TRACK DIRECT TO TACAN THEN R-104, CLIMB TO 3000FT OR
AS DIRECTED BY ATC.

TRACK IN	TIME	MNM ALT	DME LIMIT
104°		3000	20



MSA - DAR TACAN

DAR TAC	10	9	8	7	6	5	4	3	2.4				
ALTITUDE	3000	2670	2350	2030	1710	1390	1070	760	580				

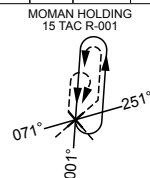
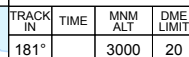


CATEGORY	A	B	C	D	E
S-11	580		477	2600m	
CIRCLING	790	687 2400m	900 797 4000m	1100 997 5000m	1420 1317 7000m

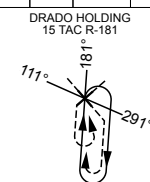
CHANGES: SUA D216	S12 24.88	E130 52.61
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28 NOV 24

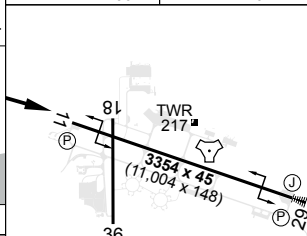
**AIS-AF
MILITARY USE ONLY**



TRACK IN	TIME	MNM ALT	DME LIMIT
001°		3000	20



TLV FL110	TA 10000
THR ELEV 96	TDZE 101



HIRL Rwy 11-29

DARWIN INTL (YPDN)
TACAN RWY 11

TACAN DAR Chan 71	APCH CRS 290°	RWY LDG 11,004 THR ELEV 81 AD ELEV 103
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PANS-OPS, WGS-84

TACAN RWY 29 DARWIN INTL (YPDN)

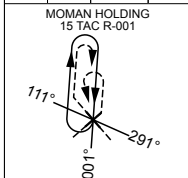
1. NO CIRCLING IN SECTOR SOUTH WEST OF RWYS 11/29
AND 18/36 BEYOND 2.5NM.



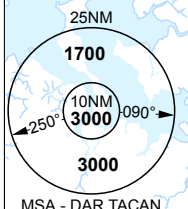
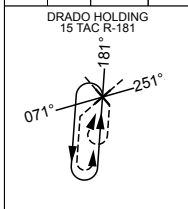
MISSED APPROACH:
TRACK DIRECT TO TACAN THEN R-290, CLIMB TO **3000FT**
OR AS DIRECTED BY ATC.

ATIS 128.25 316.2 308	ACD 126.8 237.3	SMC 121.8 265.3	TWR 133.1 257.8	APP E 125.2 305.5	APP W 134.1 363.8	DEP 123.0 325.4	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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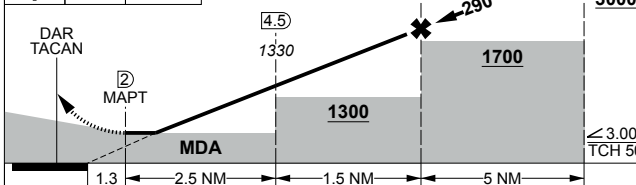
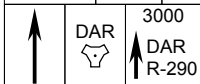
TRACK IN	TIME	MNM ALT	DME LIMIT
181°		3000	20



TRACK IN	TIME	MNM ALT	DME LIMIT
001°		3000	20

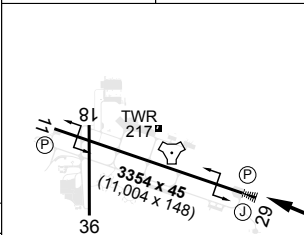


DAR TAC	2.3	3	4	5	6	7	8	9	9.7				
ALTITUDE	630	850	1170	1490	1810	2130	2440	2760	3000				



CATEGORY	A	B	C	D	E
S-29	630	549	2200m	(VIS -1600 WITH ACTUAL QNH)	
CIRCLING	790	647	2400m	900 797 4000m	1100 997 5000m
				1420 1317 7000m	

TLV FL110	TA 10000
THR ELEV 81	TDZE 90



HIRL Rwy 11-29

CHANGES: SUA D216

S12 24.88 E130 52.61

28 NOV 24

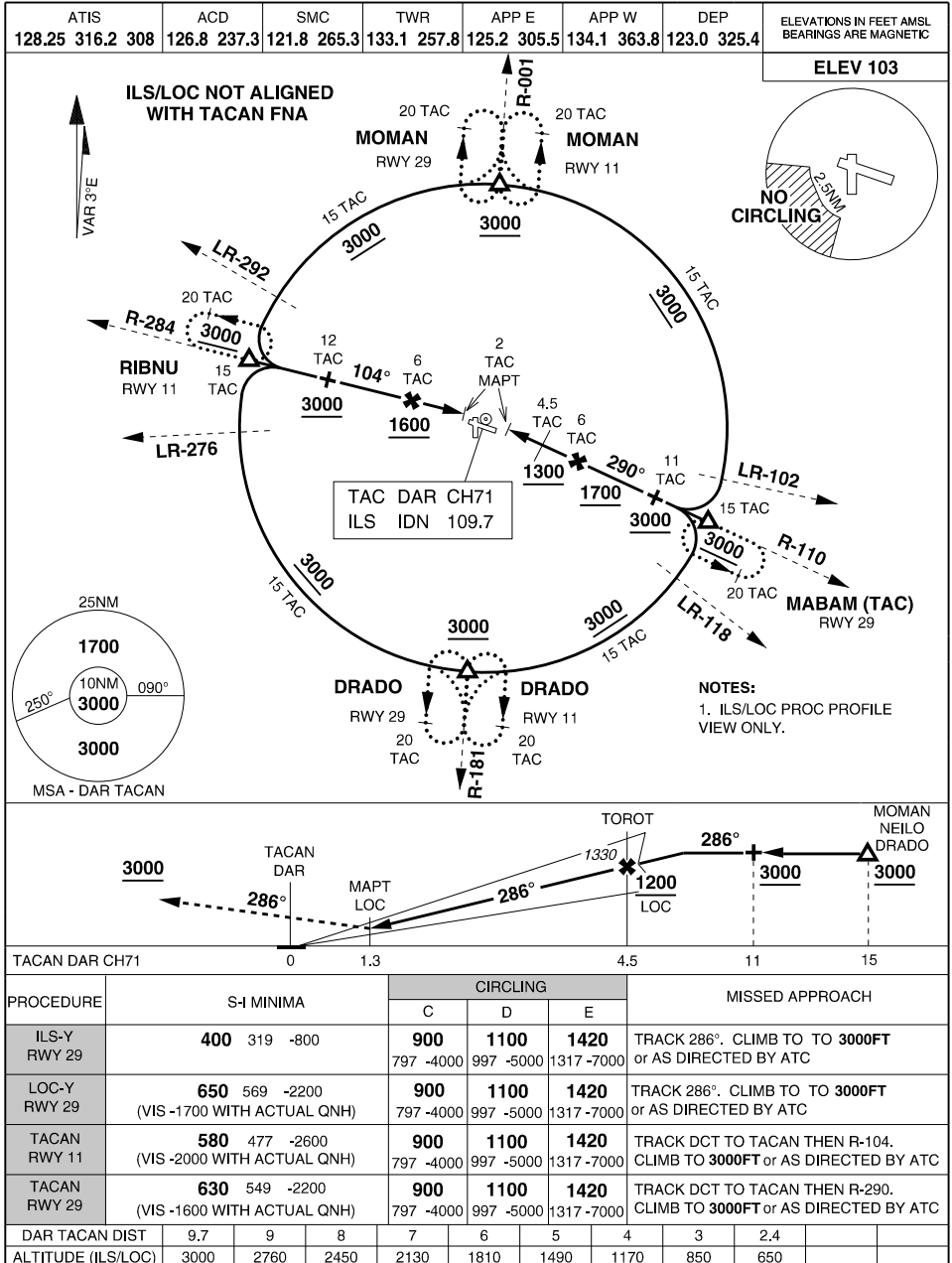
AIS-AF
MILITARY USE ONLY

DARWIN INTL (YPDN)
TACAN RWY 29

MILITARY USE ONLY

S12 24.88 E130 52.61
PANS-OPS, WGS 84

COMPOSITE
DARWIN INTL (YPDN)



CHANGES: TAC CH, MAG VAR, VIS, NOTES

DARWIN INTL (YPDN)
COMPOSITE

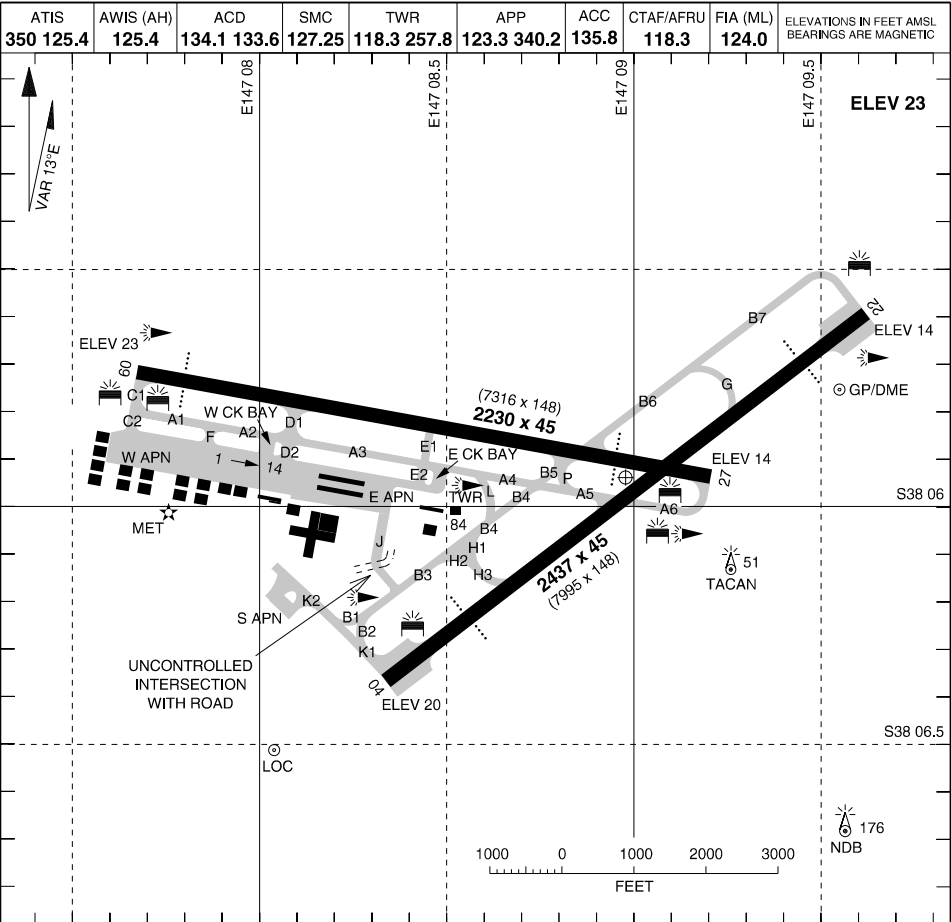
05 SEP 24

ACG
MILITARY USE ONLY

MILITARY USE ONLY

AERODROME CHART
EAST SALE (YMES)

S38 05.94 E147 08.97
PANS-OPS, WGS 84



LIGHTING				NOTES					
RWY	APPROACH	THR	RUNWAY	1. RWY 04 AND 27 - RIGHT CIRCUIT 2. PAPI RWY 09/27 NIGHT AZIMUTH RESTR TO 9° EITHER SIDE OF CL					
09 (086°)	PAPI 3.00° 51FT	GREEN	MIRL (3)						
27 (266°)	PAPI 3.00° 51FT								
04 (041°)	PAPI 3.00° 49FT	GREEN	MIRL (3)						
22 (221°)	PAPI 3.00° 49FT		MIRL (3)						
AERODROME BEACON ALTN WG 8 SEC OBSTRUCTION ILLUMINATED WIND INDICATOR TWY: GREEN CL E CHECK BAY, W CHECK BAY: BLUE EDGE AND GREEN CL				1.	S38 05.9	E147 07.7	8.	S38 05.9	E147 07.9
				2.	S38 05.9	E147 07.8	9.	S38 05.9	E147 07.9
				3.	S38 05.9	E147 07.8	10.	S38 05.9	E147 08.0
				4.	S38 05.9	E147 07.8	11.	S38 05.9	E147 08.0
				5.	S38 05.9	E147 07.8	12.	S38 05.9	E147 08.0
				6.	S38 05.9	E147 07.8	13.	S38 05.9	E147 08.0
				7.	S38 05.9	E147 07.9	14.	S38 05.9	E147 08.0

CHANGES: ABN TIMING

24 MAR 22

AIS-AF
MILITARY USE ONLY

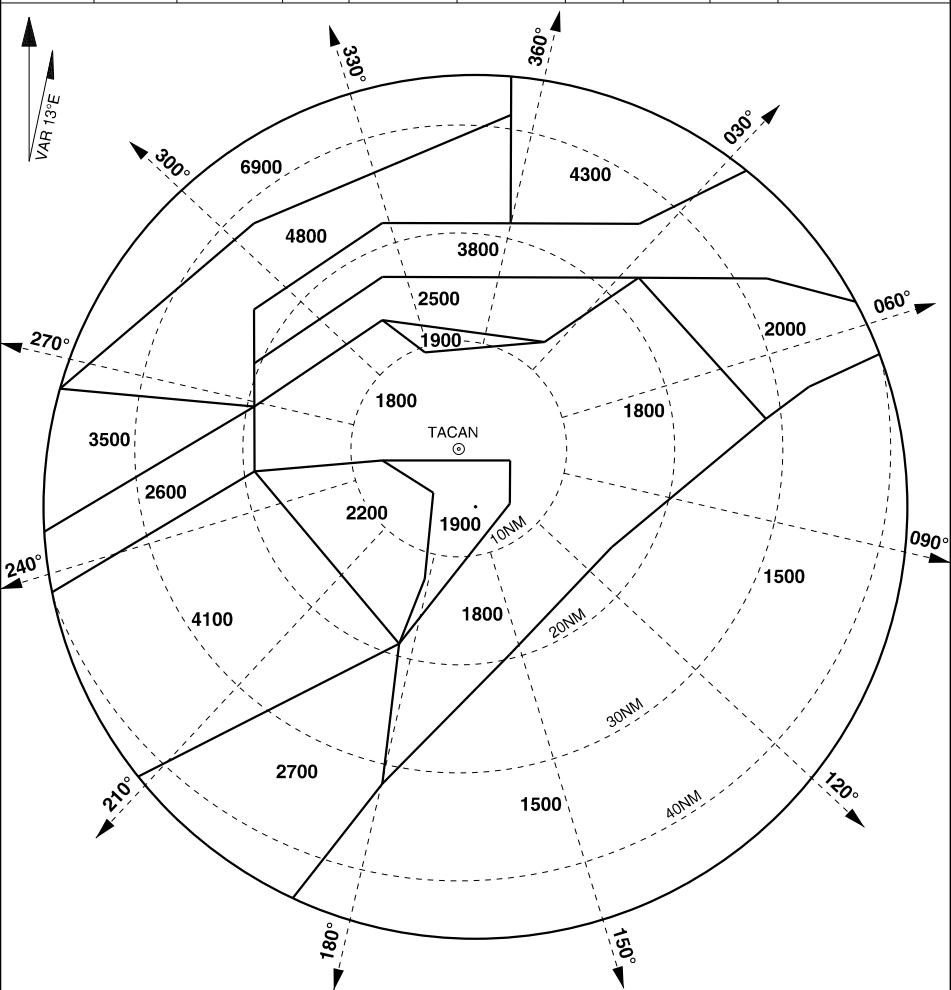
EAST SALE (YMES)
AERODROME CHART

MILITARY USE ONLY

ATC USE ONLY

RTCC
EAST SALE (YMES)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	ACC	CTAF/AFRU	FIA (ML)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
350 125.4	125.4	134.1 133.6	127.25	118.3 257.8	123.3 340.2	135.8	118.3	124.0	



NOTE: 1. BEARINGS AND DISTANCES FROM TACAN.
2. RTCC CENTRED ON THE RADAR HEAD.

ATC USE ONLY

CHANGES: EDITORIAL

28 FEB 19

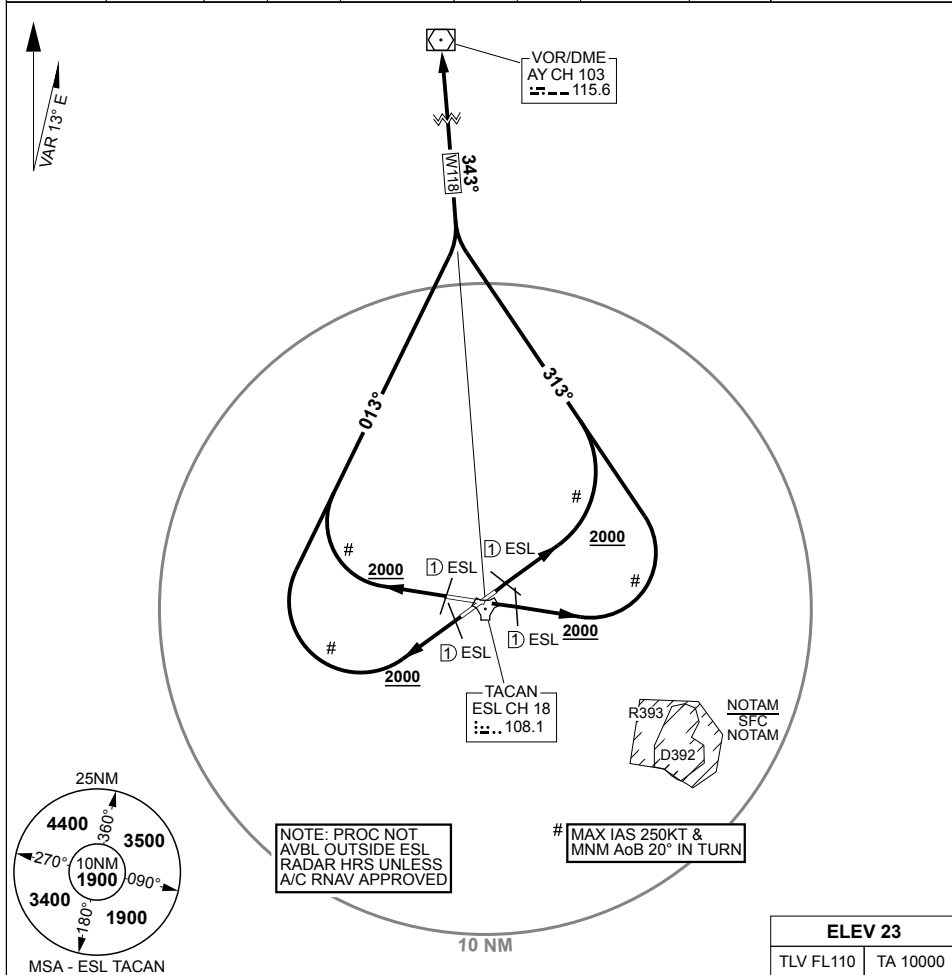
AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
RTCC

EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ALBURY (AY) THREE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 313° TO
INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 313° TO
INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 013° TO
INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 013° TO
INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

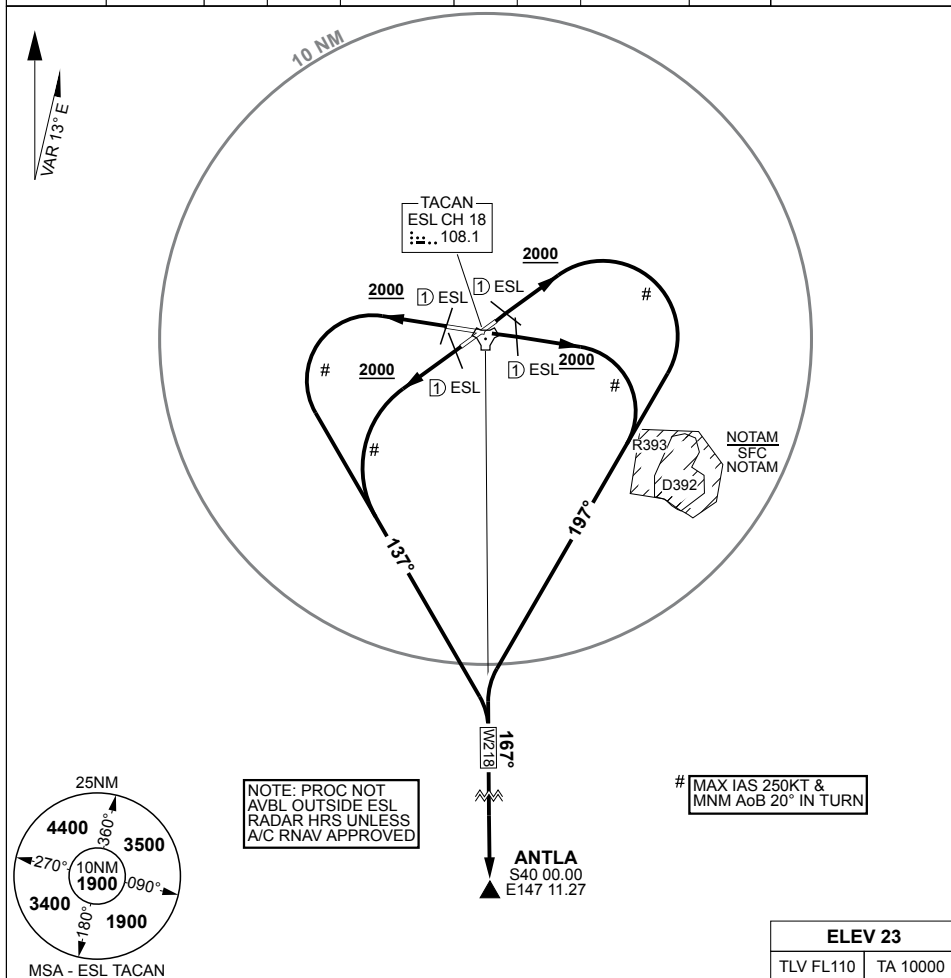
S38 05.94 E147 08.97

AIS-AF: MILITARY USE ONLY

94 E147 08.97
MILITARY USE ONLY
SID ALBURY (AY) THREE ALL RWYS

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ANTLA TWO DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 197° TO
INTCP OUTBOUND TRACKRWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 197° TO
INTCP OUTBOUND TRACKRWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 137° TO
INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 137° TO
INTCP OUTBOUND TRACK

CHANGES: SUA

S38 05.94 E147 08.97

13 JUN 24

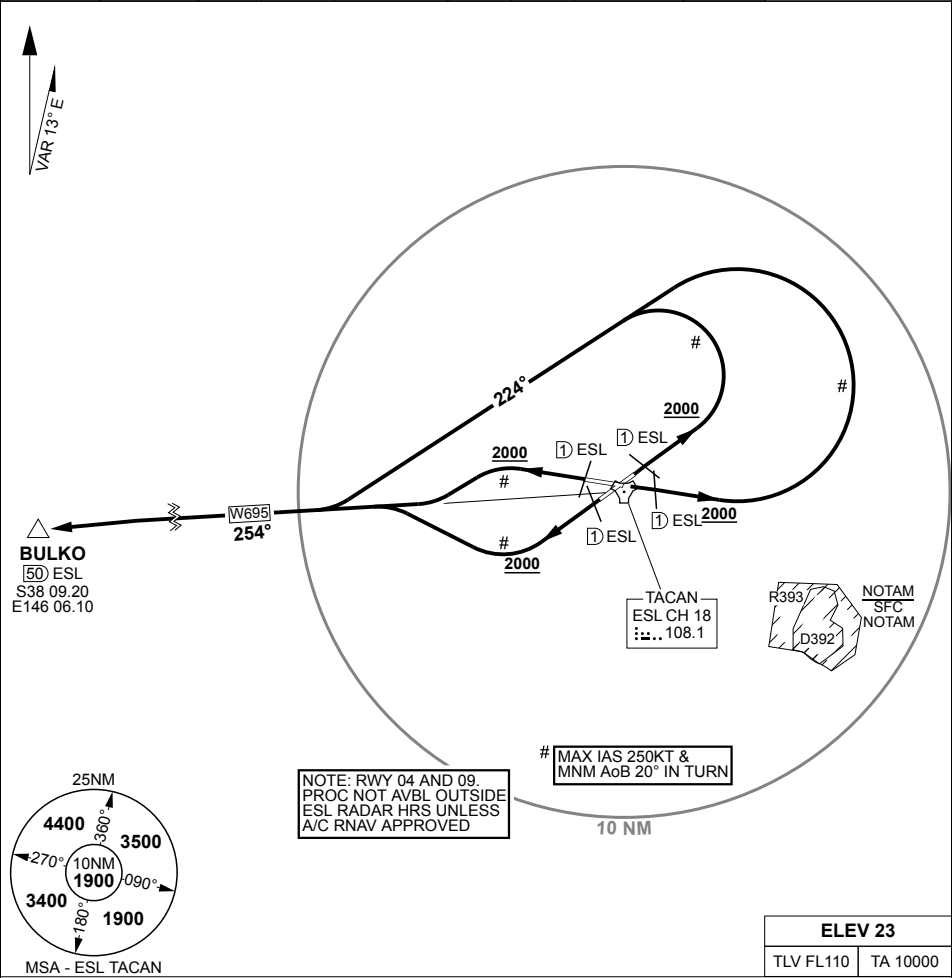
AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
SID ANT LA TWO ALL RWYS

SID BULKO ONE ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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BULKO ONE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 224° TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 224° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT TO INTCP OUTBOUND TRACK

CHANGES: SUA
13 JUN 24

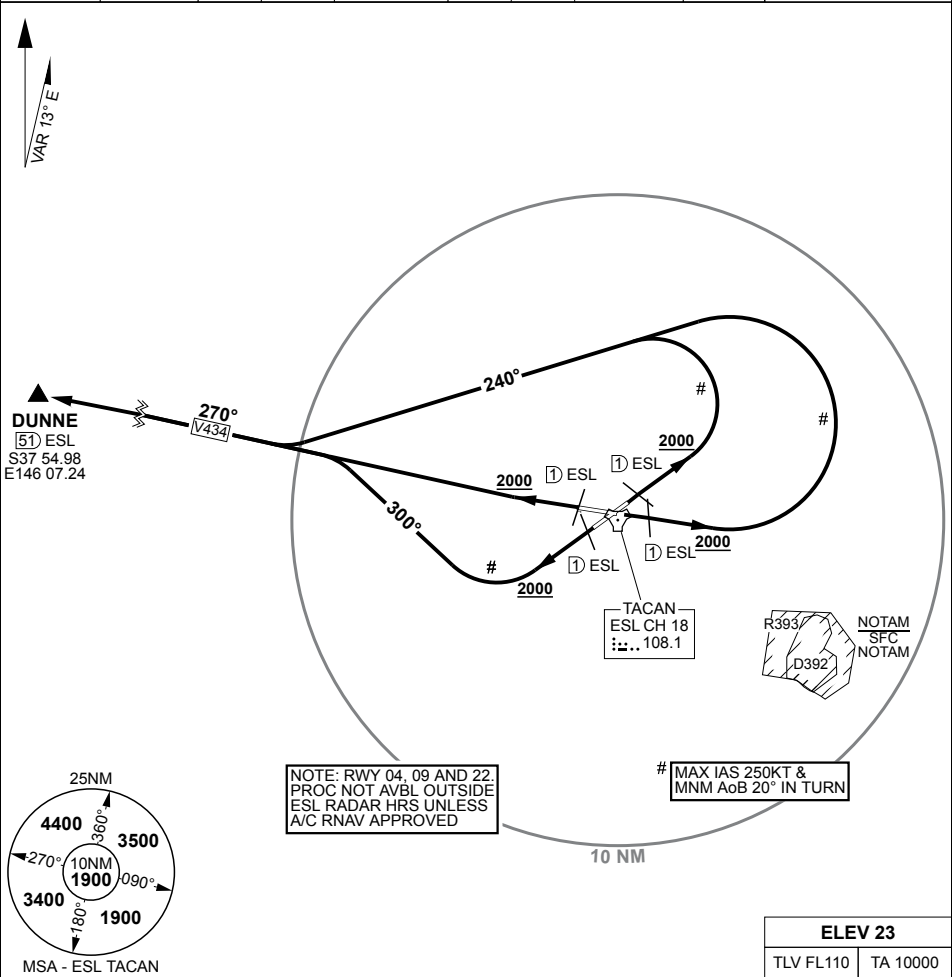
S38 05.94 E147 08.97

EAST SALE (YMES)
SID BULKO ONE ALL RWYS

SID DUNNE THREE ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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DUNNE THREE DEPARTURE:

- RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 240° TO INTCP OUTBOUND TRACK
- RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 240° TO INTCP OUTBOUND TRACK
- RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 300° TO INTCP OUTBOUND TRACK
- RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TRACK STRAIGHT AHEAD TO INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF: MILITARY USE ONLY

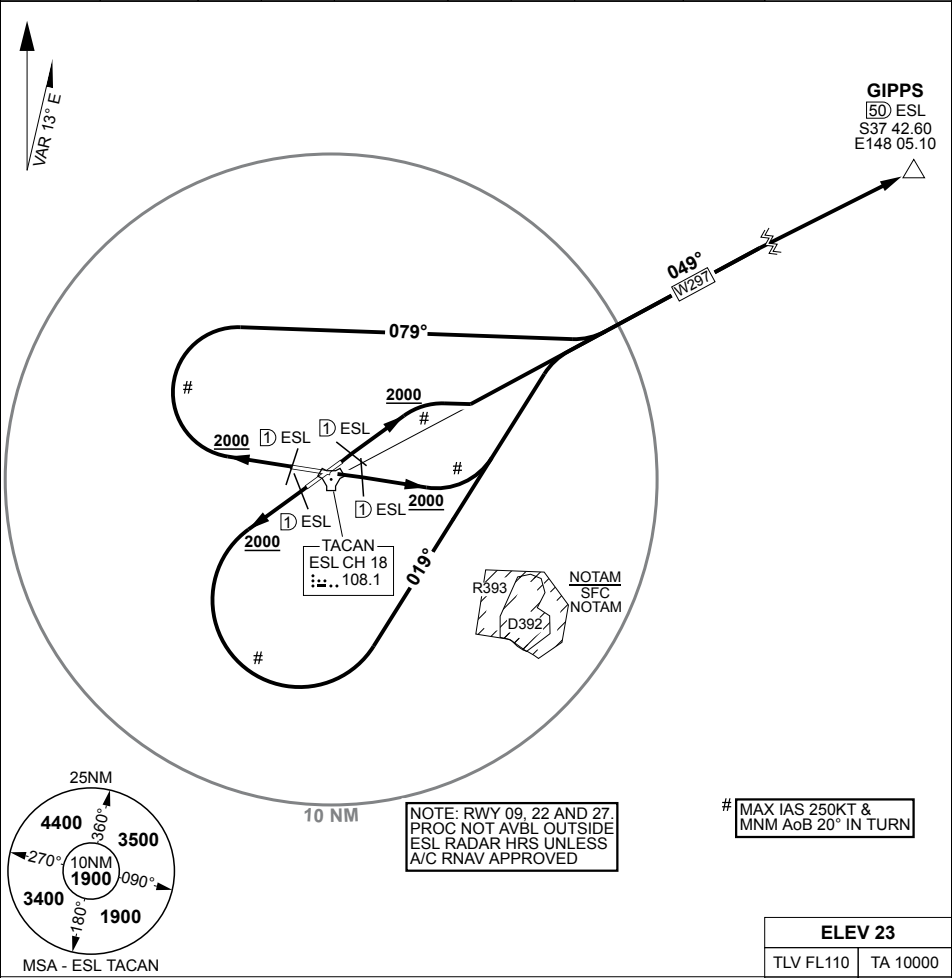
EAST SALE (YMES)

SID DUNNE THREE ALL RWYS

SID GIPPS THREE ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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GIPPS THREE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TRACK TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 019° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 019° TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 079° TO INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF: MILITARY USE ONLY

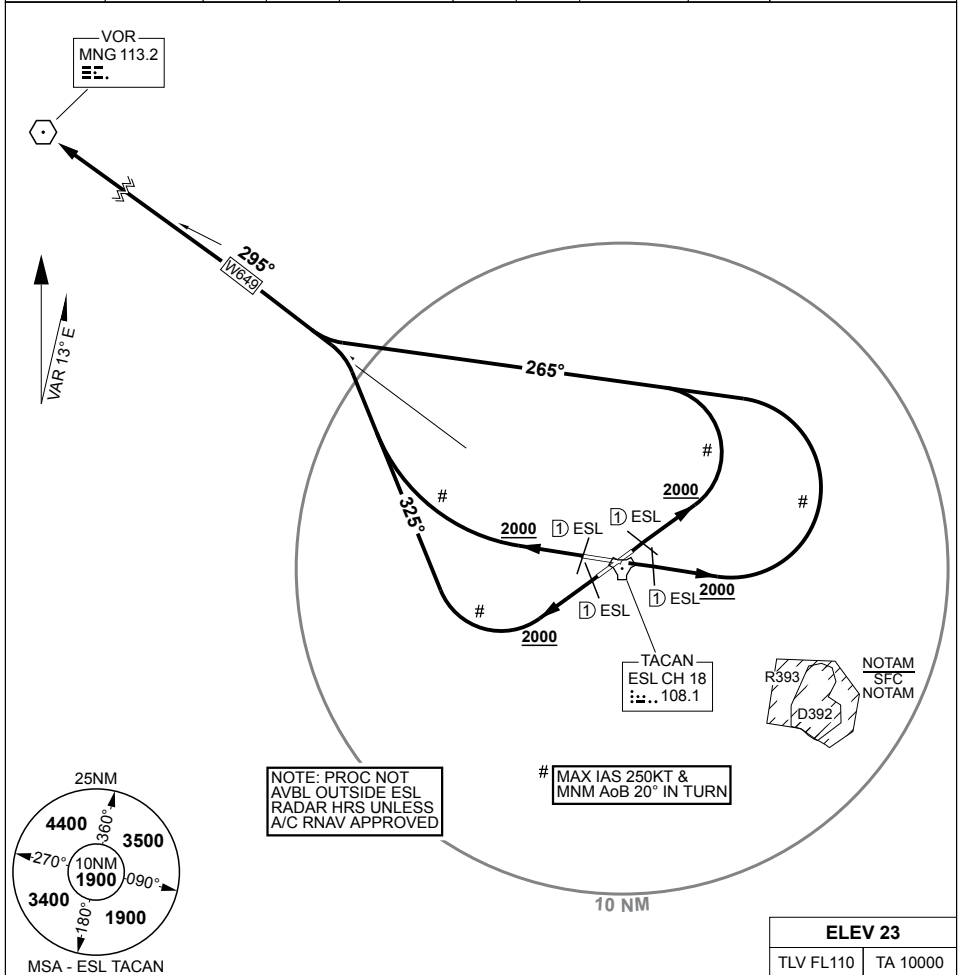
EAST SALE (YMES)

SID GIPPS THREE ALL RWYS

SID MANGALORE (MNG) THREE ALL RWYS EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	ACC	CTAF/AFRU	FIA (ML)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
125.4 350	125.4	133.6 134.1	127.25	118.3 257.8	123.3 340.2	135.8	118.3	124.0	



MANGALORE (MNG) THREE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 265° TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 265° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 325° TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT TO INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF: MILITARY USE ONLY

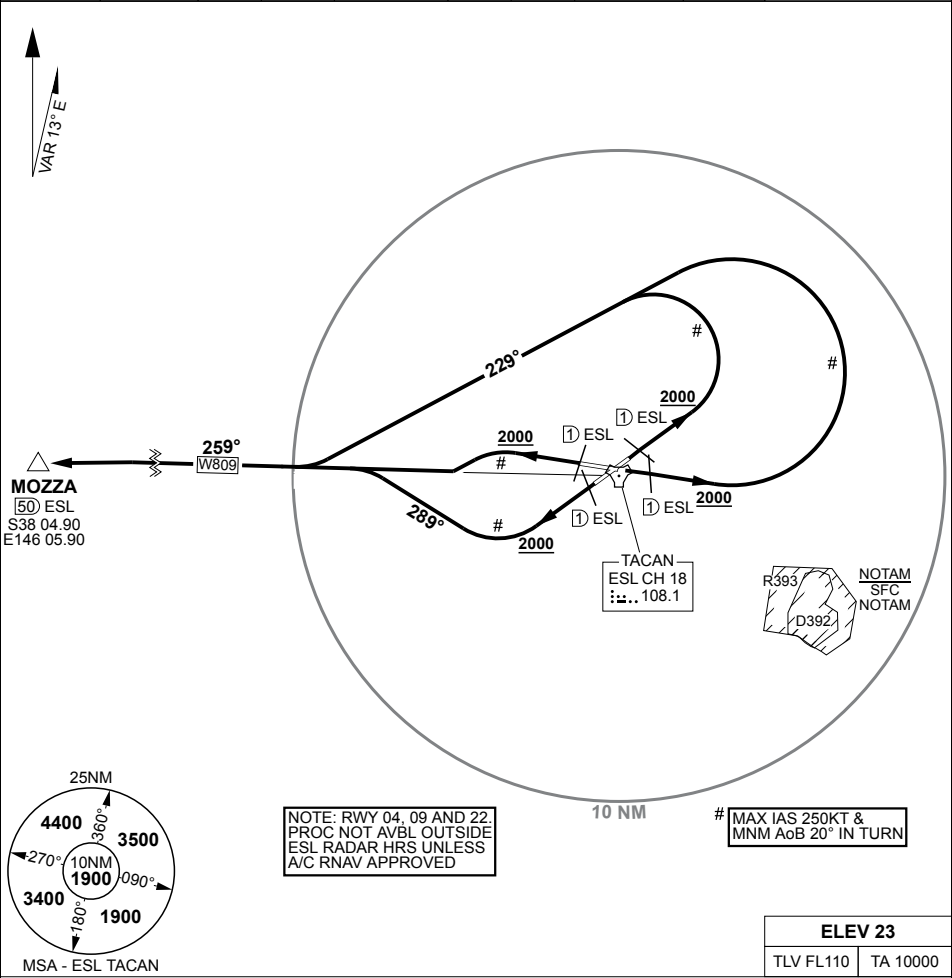
EAST SALE (YMES)

SID MANGALORE (MNG) THREE ALL RWYS

SID MOZZA THREE ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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MOZZA THREE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 229° TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 229° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 289° TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT TO INTCP OUTBOUND TRACK

CHANGES: SUA
13 JUN 24

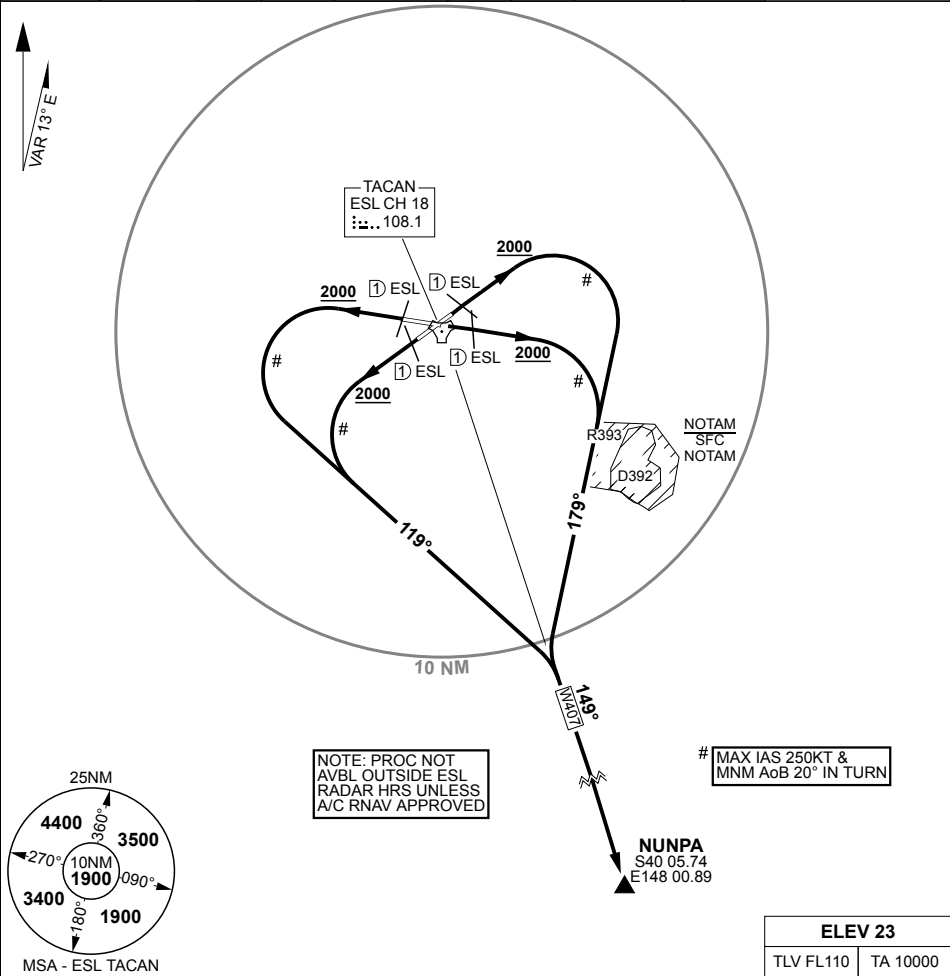
S38 05.94 E147 08.97
AIS-AF: MILITARY USE ONLY

EAST SALE (YMES)
SID MOZZA THREE ALL RWYS

SID NUNPA TWO ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NUNPA TWO DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 179° TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 179° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 119° TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 119° TO INTCP OUTBOUND TRACK

CHANGES: SUA
13 JUN 24

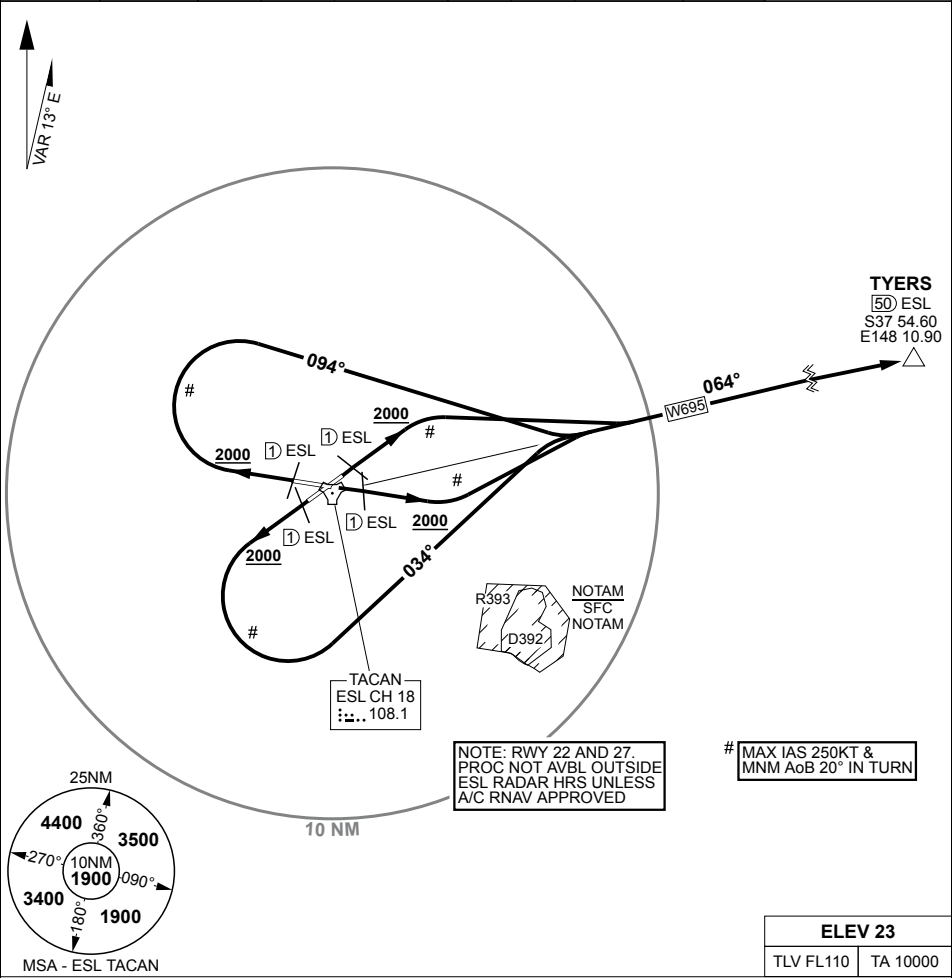
S38 05.94 E147 08.97
AIS-AF: MILITARY USE ONLY

EAST SALE (YMES)
SID NUNPA TWO ALL RWYS

SID TYERS THREE ALL RWYS
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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TYERS THREE DEPARTURE:

RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 034° TO INTCP OUTBOUND TRACK

RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 094° TO INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF: MILITARY USE ONLY

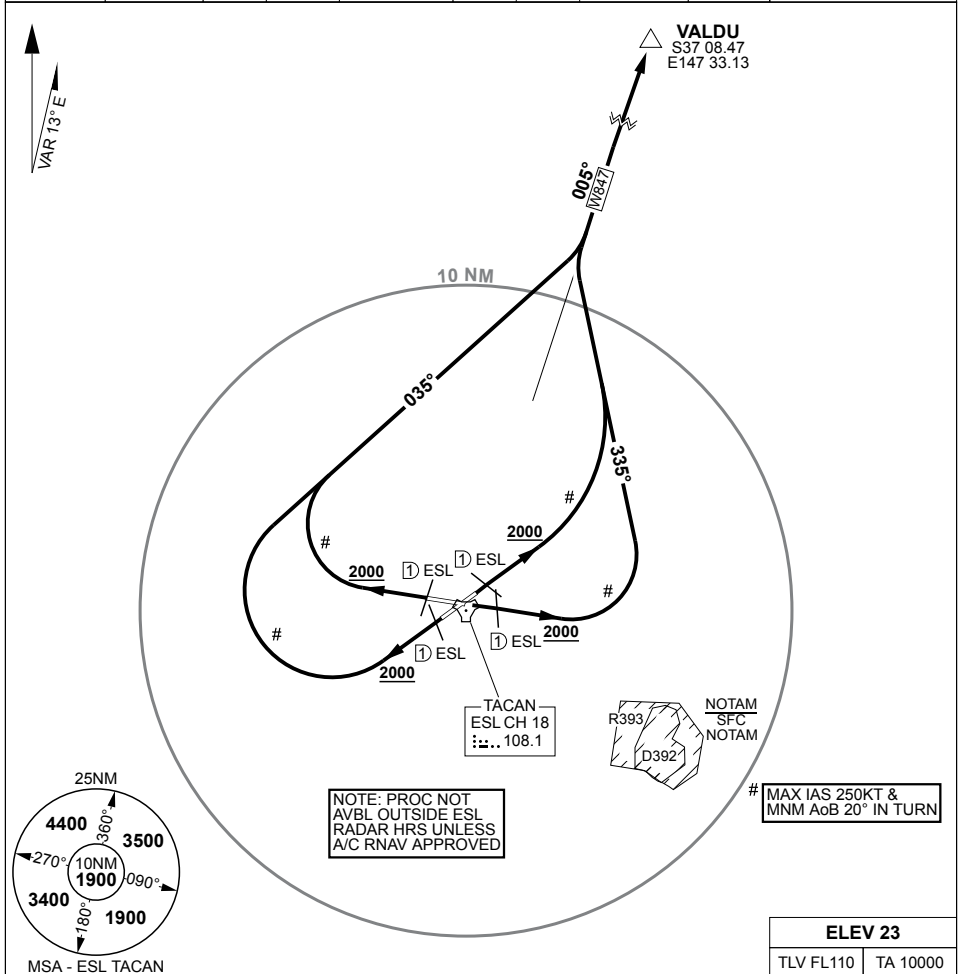
EAST SALE (YMES)

SID TYERS THREE ALL RWYS

SID VALDU TWO ALL RWYS EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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VALDU TWO DEPARTURE:

- RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 335° TO INTCP OUTBOUND TRACK
- RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 335° TO INTCP OUTBOUND TRACK
- RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 035° TO INTCP OUTBOUND TRACK
- RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 035° TO INTCP OUTBOUND TRACK

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)

SID VALDU TWO ALL RWYS

PANS-OPS, WGS 84

VAR 13°E

10 NM

057°

027°

357°

2000

2000

2000

2000

ESL

ESL

ESL

ESL

TACAN
ESL CH 18
108.1

NOTAM
SFC
NOTAM

R393
D392

NOTE: RWY 09, 22 AND 27.
PROC NOT AVBL OUTSIDE
ESL RADAR HRS UNLESS
A/C RNAV APPROVED

MAX IAS 250KT &
MNM AoB 20° IN TURN

25NM

4400

3500

3400

1900

10NM

1900

270°

360°

090°

180°

MSA - ESL TACAN

ELEV 23

TLV FL110	TA 10000
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RWY 04, GRAD 3.3%, TRACK 041°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TRACK TO INTCP OUTBOUND TRACK

RWY 09, GRAD 3.3%, TRACK 086°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN LEFT, TRACK 357° TO INTCP OUTBOUND TRACK

RWY 22, GRAD 3.6%, TRACK 221°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 057° TO INTCP OUTBOUND TRACK

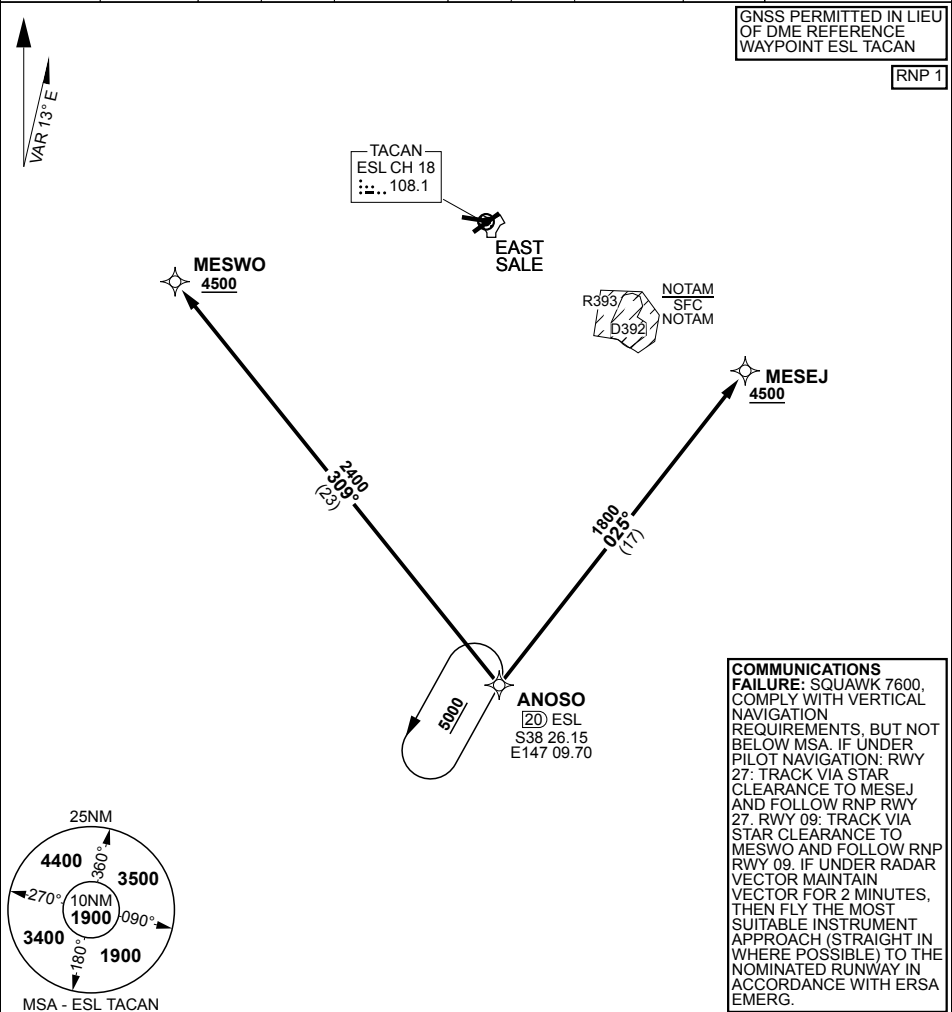
RWY 27, GRAD 3.3%, TRACK 266°, AT OR ABV 2000FT, BUT NOT BEFORE 1 TAC UPWIND, TURN RIGHT, TRACK 057° TO INTCP OUTBOUND TRACK

S38 05.94 E147 08.97
AIS-AF EAST SALE (YMES)
MILITARY USE ONLY SID VISER ONE ALL RWYS

STAR ANOSO TWO
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ANOSO TWO (RNAV)

CROSS ANOSO AT OR ABOVE 5000FT

RWY 09

FROM ANOSO TRACK 309° TO MESWO, THEN RNP RWY 09

RWY 27

FROM ANOSO TRACK 025° TO MESEJ, THEN RNP RWY 27

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

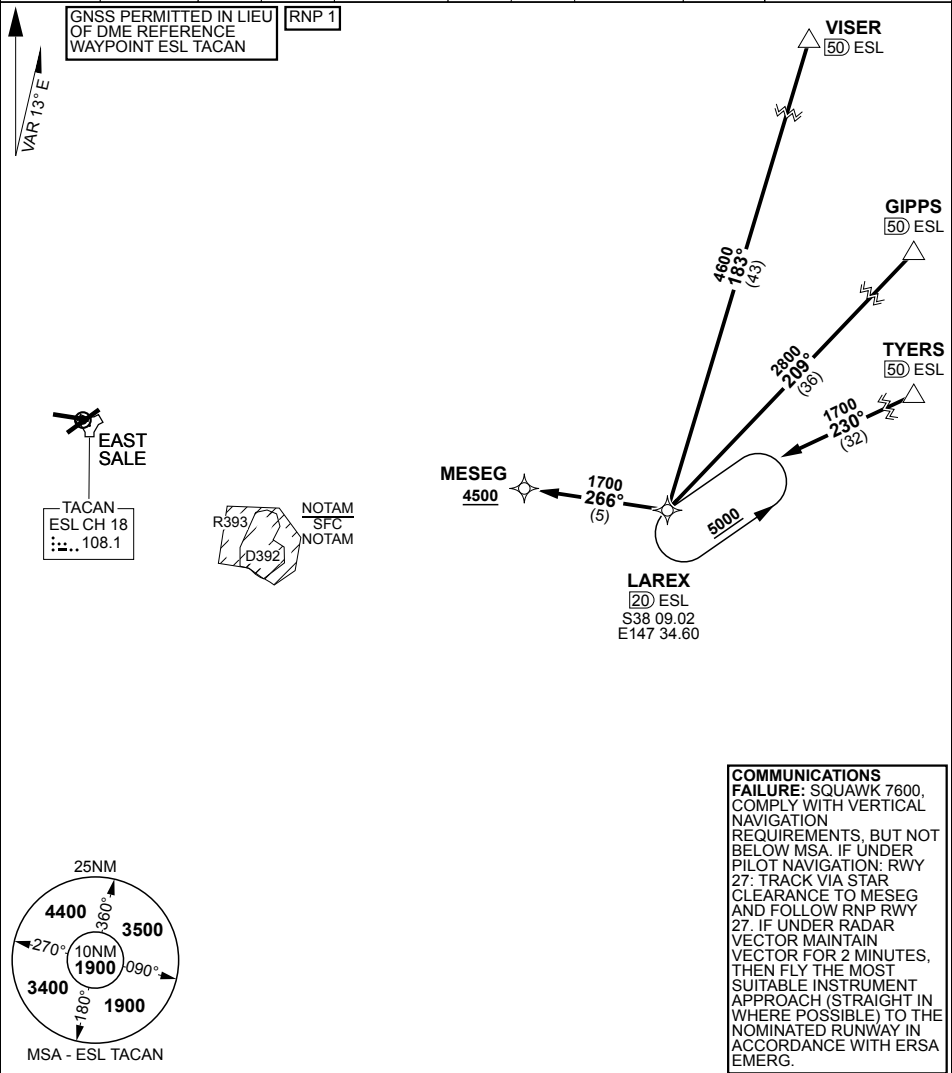
AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
STAR ANOSO TWO

STAR LAREX TWO
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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LAREX TWO (RNAV)

CROSS LAREX AT OR ABV 5000FT

RWY 27

FROM LAREX TRACK 266° TO MESEG, THEN RNP RWY 27

CHANGES: SUA

13 JUN 24

S38 05.94 E147 08.97

AIS-AF
MILITARY USE ONLY

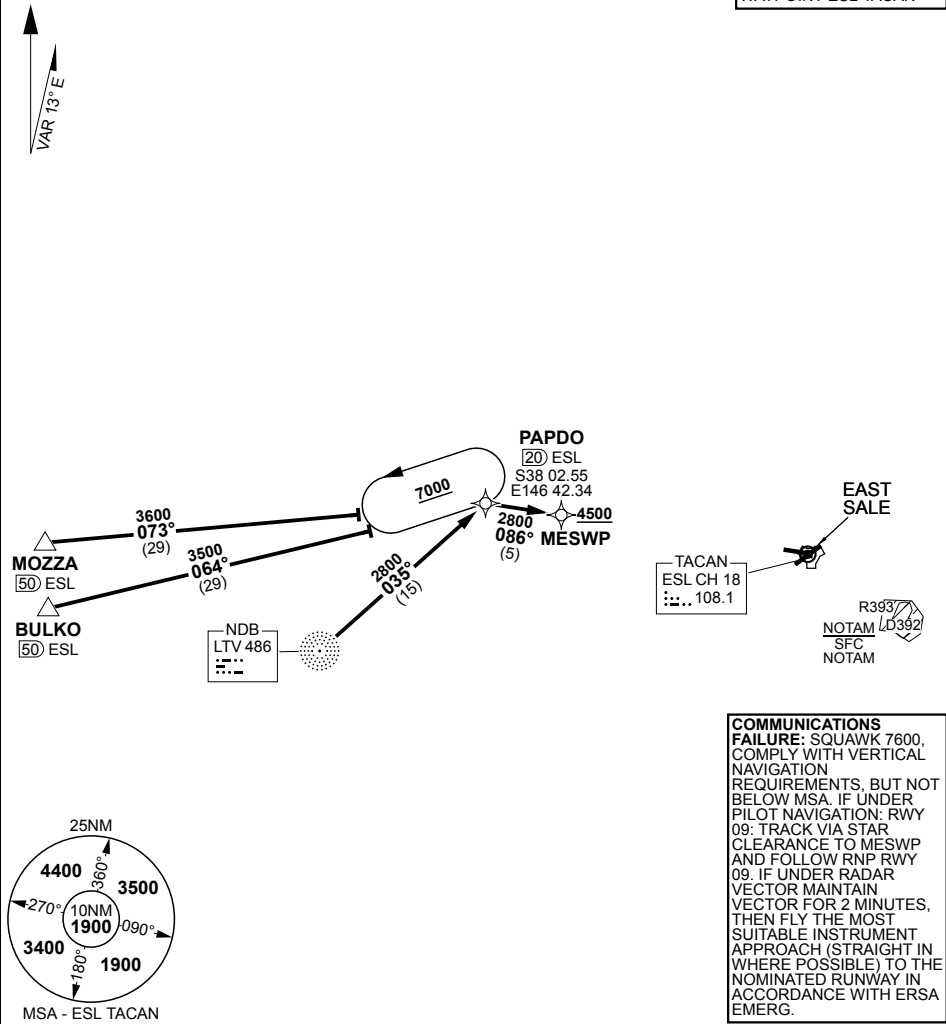
EAST SALE (YMES)
STAR LAREX TWO

STAR PAPDO TWO
EAST SALE (YMES)

PANS-OPS, WGS 84

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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RNP 1 GNSS PERMITTED IN LIEU
OF DME REFERENCE
WAYPOINT ESL TACAN



COMMUNICATIONS
FAILURE: SQUAWK 7600,
COMPLY WITH VERTICAL
NAVIGATION
REQUIREMENTS, BUT NOT
BELOW MSA. IF UNDER
PILOT NAVIGATION: RWY
09: TRACK VIA STAR
CLEARANCE TO MESWP
AND FOLLOW RNP RWY
09. IF UNDER RADAR
VECTOR MAINTAIN
VECTOR FOR 2 MINUTES,
THEN FLY THE MOST
SUITABLE INSTRUMENT
APPROACH (STRAIGHT IN
WHERE POSSIBLE) TO THE
NOMINATED RUNWAY IN
ACCORDANCE WITH ERSA
EMERG.

PAPDO TWO (RNAV)

CROSS PAPDO AT OR ABV 7000FT

RWY 09

FROM PAPDO TRACK 086° TO MESWP, THEN RNP RWY 09

CHANGES: SUA
13 JUN 24

S38 05.94 E147 08.97

AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
STAR PAPDO TWO

PANS-OPS, WGS 84

RNP 1

GNSS PERMITTED IN LIEU OF DME REFERENCE
WAYPOINT ESL TACAN

VISER
50 ESL
S37 27.60
E147 49.60

TREVR
20 ESL
S37 46.69
E147 15.29

MESWQ

VAR 13° E

4500
221°
(21)

3500
221°
(21)

4600
222°
(33)

7000

TACAN
ESL CH 18
... 108.1

EAST SALE

R393
D392

NOTAM
SFC
NOTAM

COMMUNICATIONS
FAILURE: SQUAWK 7600, COMPLY WITH VERTICAL NAVIGATION REQUIREMENTS, BUT NOT BELOW MSA. IF UNDER PILOT NAVIGATION: RWY 09: TRACK VIA STAR CLEARANCE TO MESWQ AND FOLLOW RNP RWY 09. IF UNDER RADAR VECTOR MAINTAIN VECTOR FOR 2 MINUTES, THEN FLY THE MOST SUITABLE INSTRUMENT APPROACH (STRAIGHT IN WHERE POSSIBLE) TO THE NOMINATED RUNWAY IN ACCORDANCE WITH ERSa EMERG.

MSA - ESL TACAN

25NM
4400
360°
3500
10NM
1900
090°
3400
180°
1900
270°

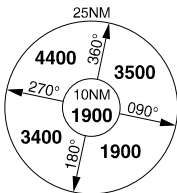
TREVR FIVE (RNAV)
CROSS TREVR AT OR ABV 7000FT
RWY 09
FROM TREVR TRACK 221° TO MESWQ, THEN RNP RWY 09

S38 05.94 E147 08.97

EAST SALE (YMES)
STAR TREVR FIVE

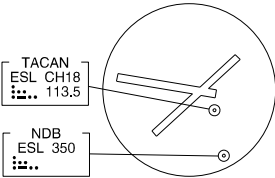
TACAN or GNSS ARRIVAL PROCEDURES
MILITARY USE ONLY
EAST SALE (YMES)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	ACC	CTAF/AFRU	FIA (ML)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
350 125.4	125.4	134.1 133.6	127.25	118.3 257.8	123.3 340.2	135.8	118.3	124.0	



MSA - ESL TACAN

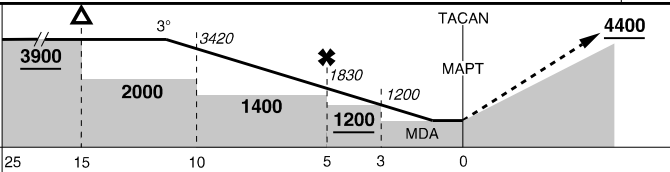
- DME USING TACAN CH18
- GNSS REFERENCE WAYPOINT ESL TACAN



ELEV 23

TLV FL110 TA 10000

ALL TRACKS
TO
ESL TACAN



MISSED
APPROACH:

CLIMB ON TRACK
TO 4400FT OR AS
DIRECTED BY
ATC.

NM FM TACAN 25 15 10 5 3 0

CIRCLING MINIMA

A,B: 630 -2400

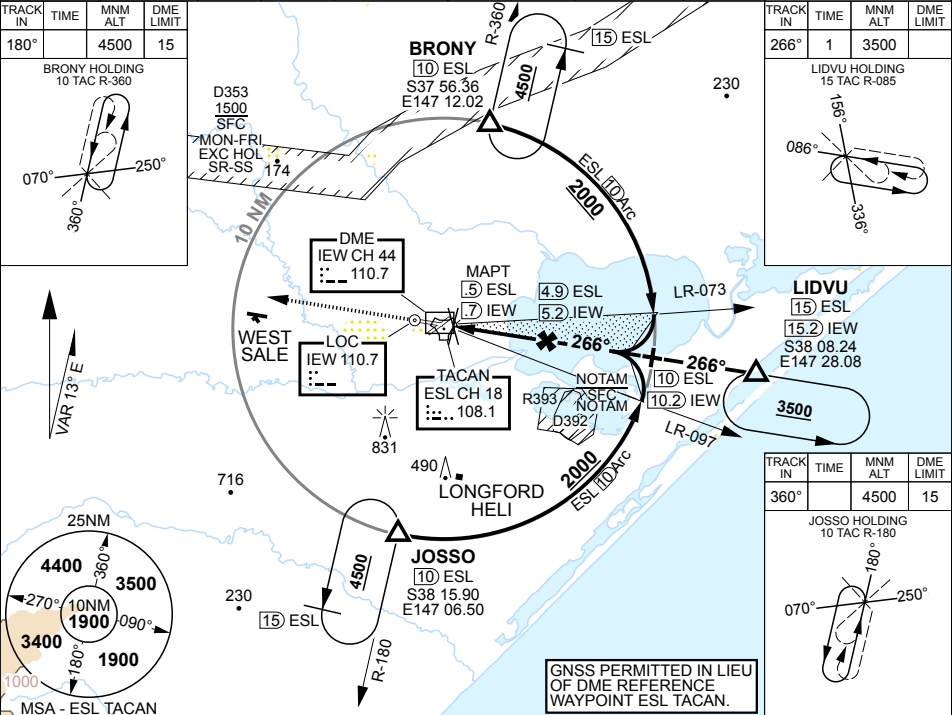
C: 830 -4000

D: 1030 -5000

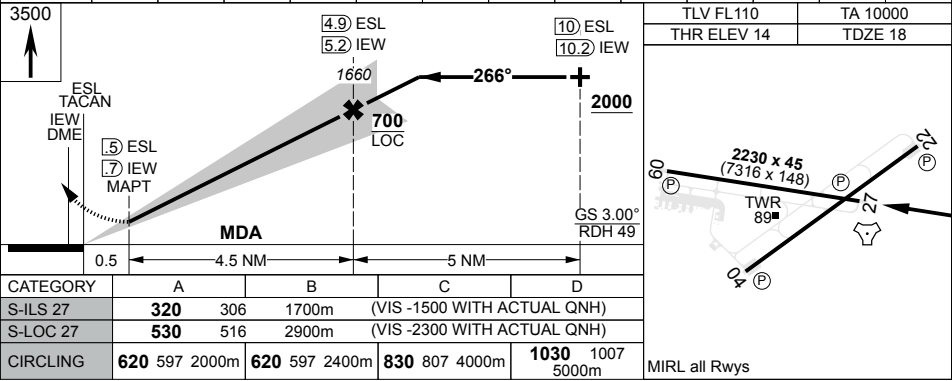
NM FM TACAN	11.5	11	10	9	8	7	6	5	4	3	2	1.2
ALT (3° APCH PATH)	3900	3740	3420	3110	2790	2470	2150	1830	1510	1200	880	630

MISSED APPROACH:
TRACK 266°, CLIMB TO 3500FT OR AS DIRECTED BY ATC.

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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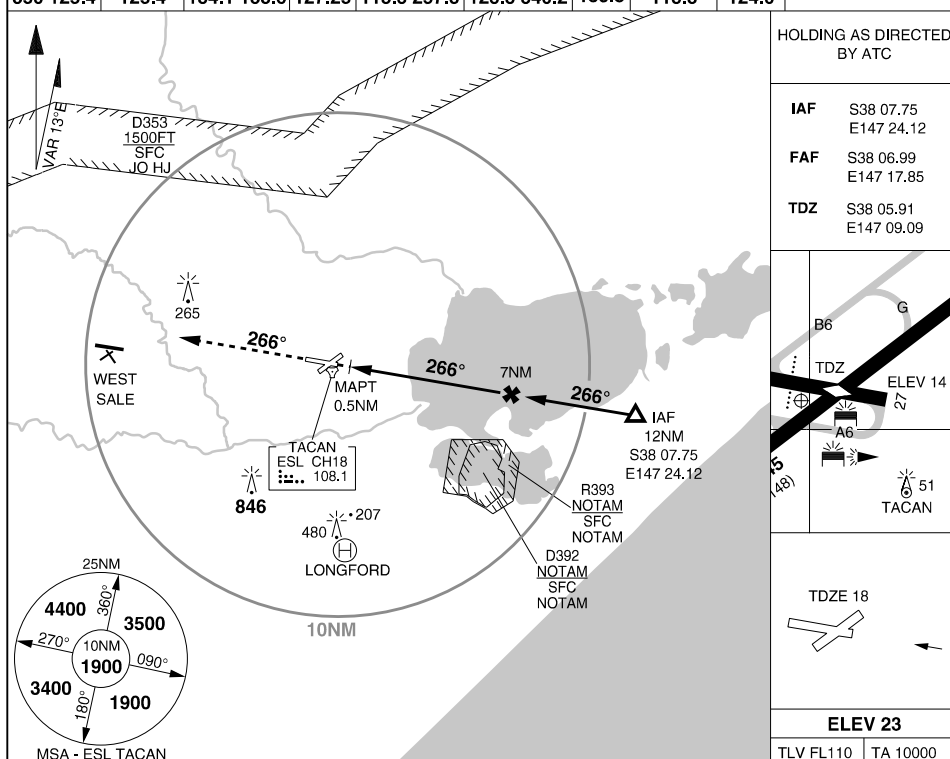


ESL TAC	1.4	2	3	4	5	6.0													
IEW DME	1.6	2.2	3.2	4.2	5.2	6.2													
ALTITUDE	530	720	1040	1360	1680	2000													

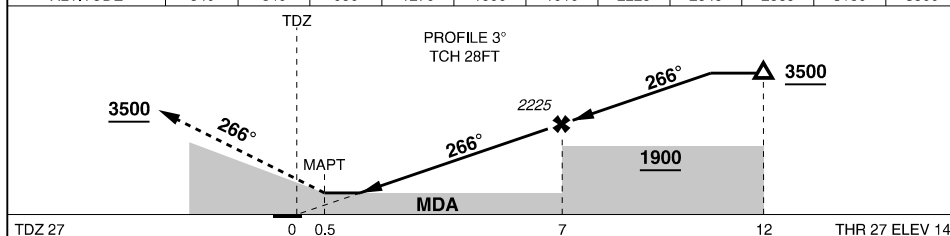


ARA RWY 27
EAST SALE (YMES)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	ACC	CTAF/AFRU	FIA (ML)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
350 125 4	125 4	134 1 133 6	127 25	118 3 257 8	123 3 340 2	135.8	118 3	124 0	



NM FM TDZ	1.7	2	3	4	5	6	7	8	9	10	11
ALTITUDE	540	640	950	1270	1590	1910	2225	2545	2865	3180	3500



MISSED APPROACH: TRACK 266°. CLIMB TO 3500FT OR AS DIRECTED BY ATC

CATEGORY	C			D			E
ARA	540	526	-3000	(VIS -2400 WITH ACTUAL QNH)			NOT AUTHORISED
CIRCLING	830	807	-4000	1030	1007	-5000	

NOTES: 1. TDZ ON RWY C/L 172M PAST LDG THR

CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

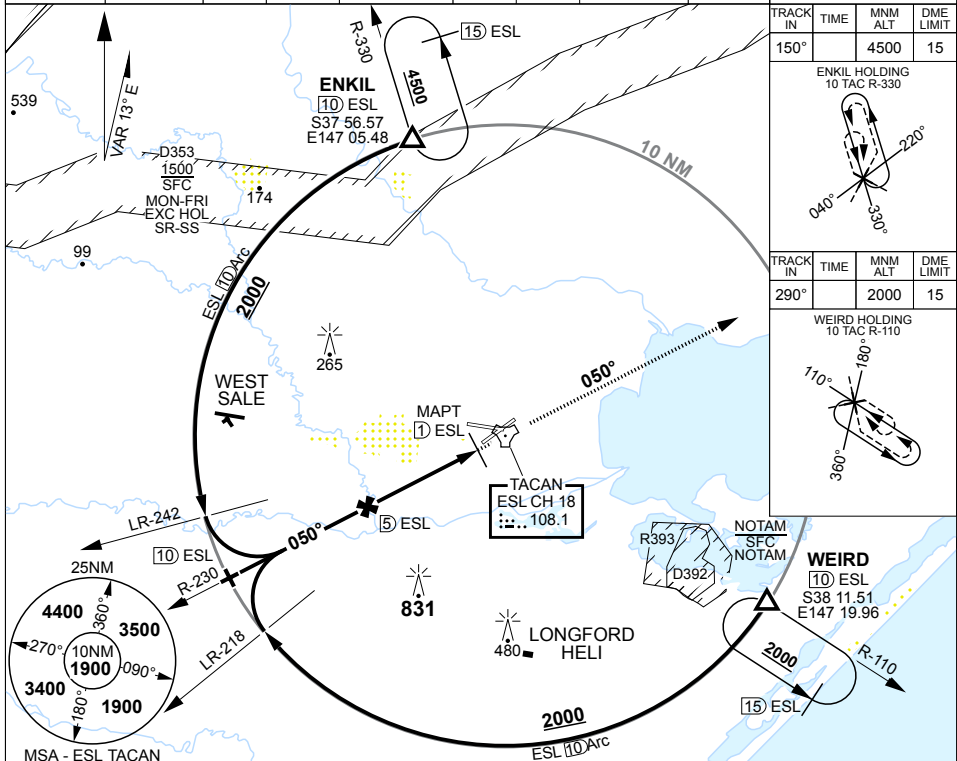
EAST SALE (YMES)
ARA RWY 27

PANS-OPS, WGS-84

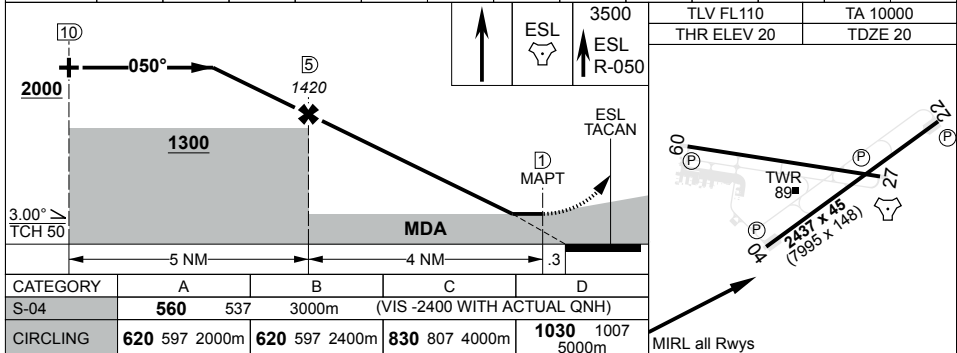
TACAN RWY 04
EAST SALE (YMES)

TRACK DIRECT TO TACAN THEN R-050. CLIMB TO **3500FT** OR AS DIRECTED BY ATC.

TRACK IN	TIME	MNM ALT	DME LIMIT
150°		4500	15
ENKL HOLDING 10 TAC R-330 			
TRACK IN	TIME	MNM ALT	DME LIMIT
290°		2000	15



ESL TAC	6.8	6	5	4	3	2.3							
ALTITUDE	2000	1740	1420	1100	780	560							



S38 05.94 E147 08.97

13 JUN 24

EAST SALE (YMES)
TACAN RWY 04

**AIS-AF
MILITARY USE ONLY**

TACAN ESL Chan 18	APCH CRS 091°	RWY LDG THR ELEV AD ELEV	7316 23 23
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PANS-OPS, WGS-84

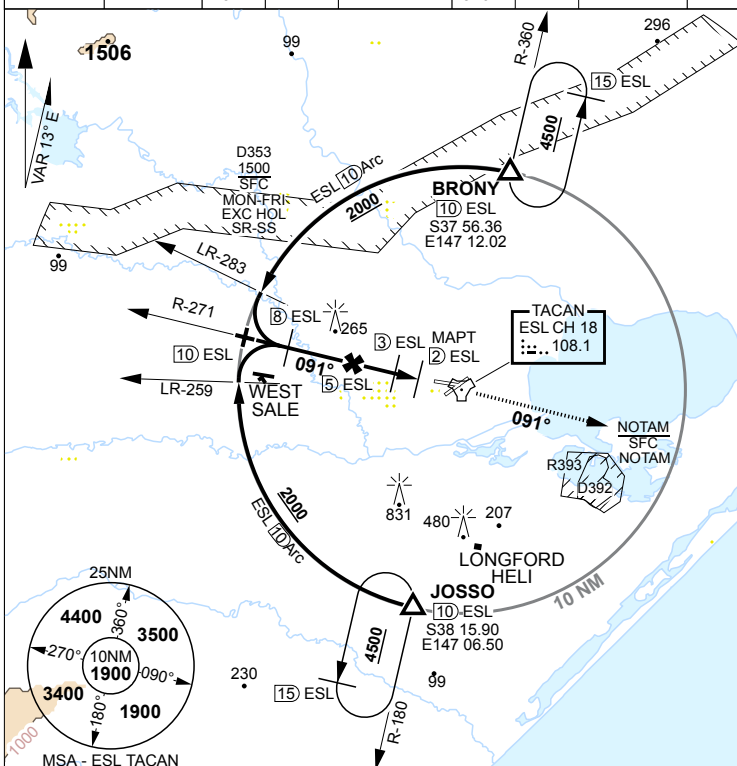
TACAN RWY 09 EAST SALE (YMES)

MISSED APPROACH:

TRACK DIRECT TO TACAN THEN R-091, CLIMB TO 3500FT OR AS DIRECTED BY ATC.

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0
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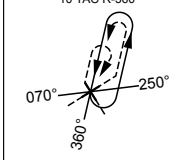
ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC



TRACK IN	TIME	MNM ALT	DME LIMIT
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180°		4500	15
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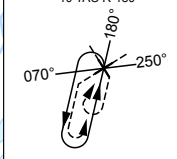
BRONY HOLDING
10 TAC R-360



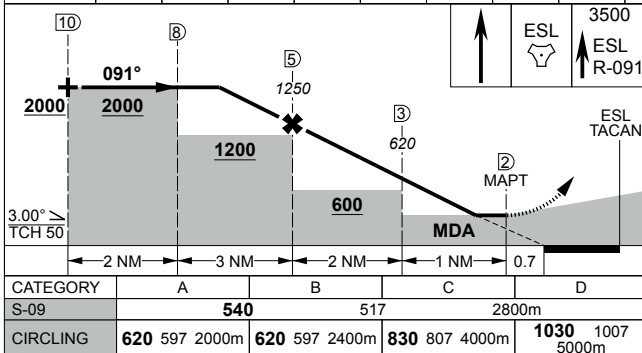
TRACK IN	TIME	MNM ALT	DME LIMIT
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360°		4500	15
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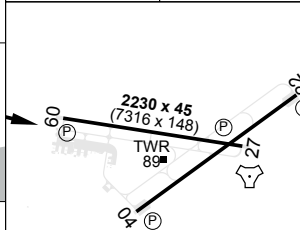
JOSSO HOLDING
10 TAC R-180



ESL TAC	7.3	7	6	5	4	3	2.8												
ALTITUDE	2000	1890	1570	1250	940	620	540												



TLV FL110	TA 10000
THR ELEV 23	TDZE 23



CATEGORY	A	B	C	D
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S-09	540	517	2800m	
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CIRCLING	620 597 2000m	620 597 2400m	830 807 4000m	1030 1007 5000m
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MIRL all Rwy's

CHANGES: SUA

S38 05.94 E147 08.97

13 JUN 24

EAST SALE (YMES) TACAN RWY 09

AIS-AF
MILITARY USE ONLY

TACAN ESL Chan 18	APCH CRS 211°	RWY LDG THR ELEV 14 AD ELEV 23	7995
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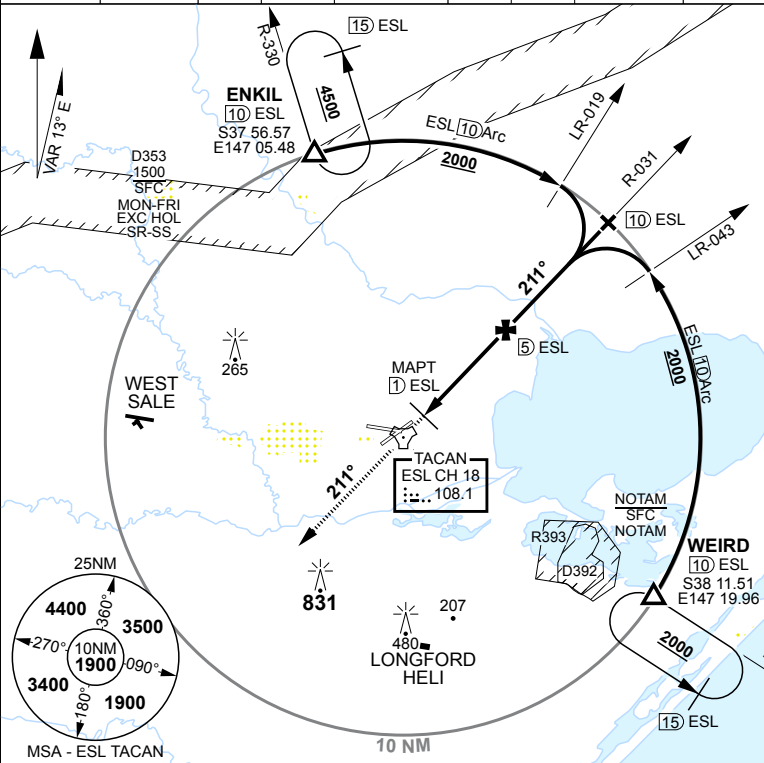
PANS-OPS, WGS-84

TACAN RWY 22
EAST SALE (YMES)

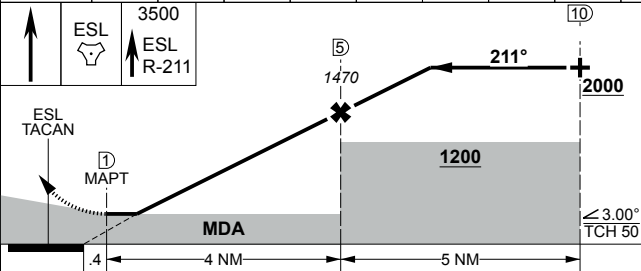
MISSED APPROACH:
TRACK 211°, CLIMB TO 3500FT OR AS DIRECTED BY ATC.

ATIS 125.4 350	AWIS (AH) 125.4	ACD 133.6 134.1	SMC 127.25	TWR 118.3 257.8	APP 123.3 340.2	ACC 135.8	CTAF/AFRU 118.3	FIA (ML) 124.0
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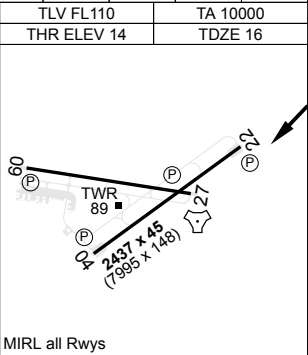
ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC			
TRACK IN	TIME	MNM ALT	DME LIMIT
150°		4500	15
ENKIL HOLDING 10 TAC R-330			
TRACK IN	TIME	MNM ALT	DME LIMIT
290°		2000	15
WEIRD HOLDING 10 TAC R-110			



ESL TAC	2.1	3	4	5	6	6.7													
ALTITUDE	550	830	1150	1470	1790	2000													



CATEGORY	A	B	C	D
S-22	550 536 3000m	(VIS -2400 WITH ACTUAL QNH)		
CIRCLING	620 597 2000m	620 597 2400m	830 807 4000m	1030 1007 5000m



CHANGES: SUA S38 05.94 E147 08.97

13 JUN 24

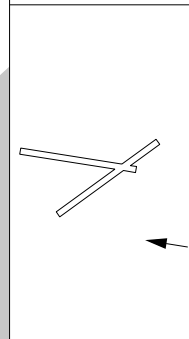
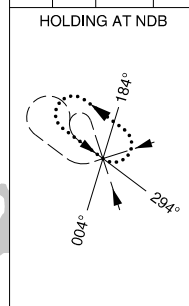
AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
TACAN RWY 22

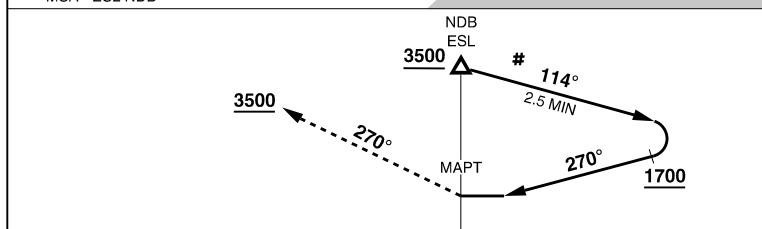
NDB-A

EAST SALE (YMES)

TRACK IN	TIME	MNM ALT	DME LIMIT
114°	1	3500	



ELEV 23	
TLV FL110	TA 10000



CATEGORY	A	B	C	D
CIRCLING	620 597 -2000	620 597 -2400	830 807 -4000	1030 1007 -5000

MAX IAS OUTBOUND AND REVERSAL 230KT

AIS-AF
MILITARY USE ONLY

EAST SALE (YMES)
NDB-A

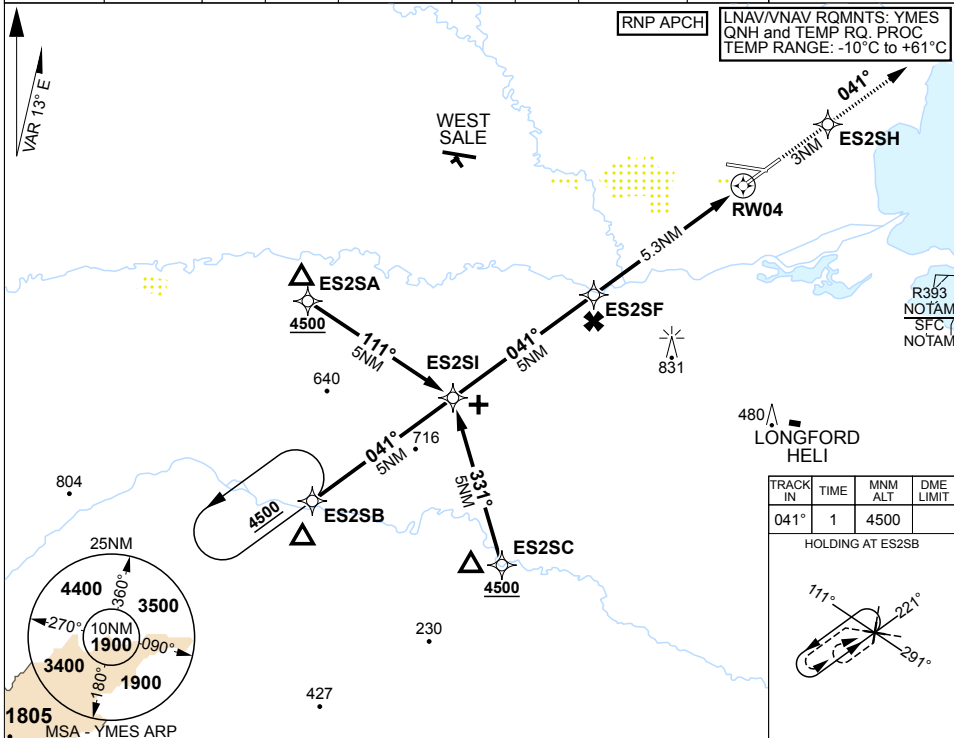
APCH CRS	RWY LDG	7995
041°	THR ELEV	20
	AD ELEV	23

PANS-OPS, WGS-84

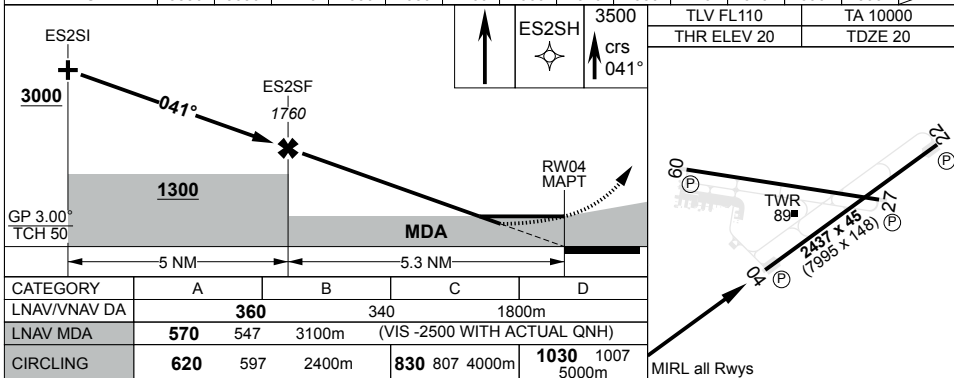
RNP RWY 04
EAST SALE (YMES)

1. MAX IAS INITIAL: 210KT.	MISSED APPROACH: TRACK DIRECT TO ES2SH, THEN TRACK 041°, CLIMB TO 3500FT OR AS DIRECTED BY ATC.
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ATIS	AWIS (AH)	ACD	SMC	TWR	APP	ACC	CTAF/AFRU	FIA (ML)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
125.4 350	125.4	133.6 134.1	127.25	118.3 257.8	123.3 340.2	135.8	118.3	124.0	



NM TO NEXT WPT	ES2SI	4	3	2	1	ES2SF	5	4	3	2	1.6	1	0.9	RW04
ALTITUDE	3350	3030	2710	2390	2080	1760	1660	1340	1030	710	570	390	360	

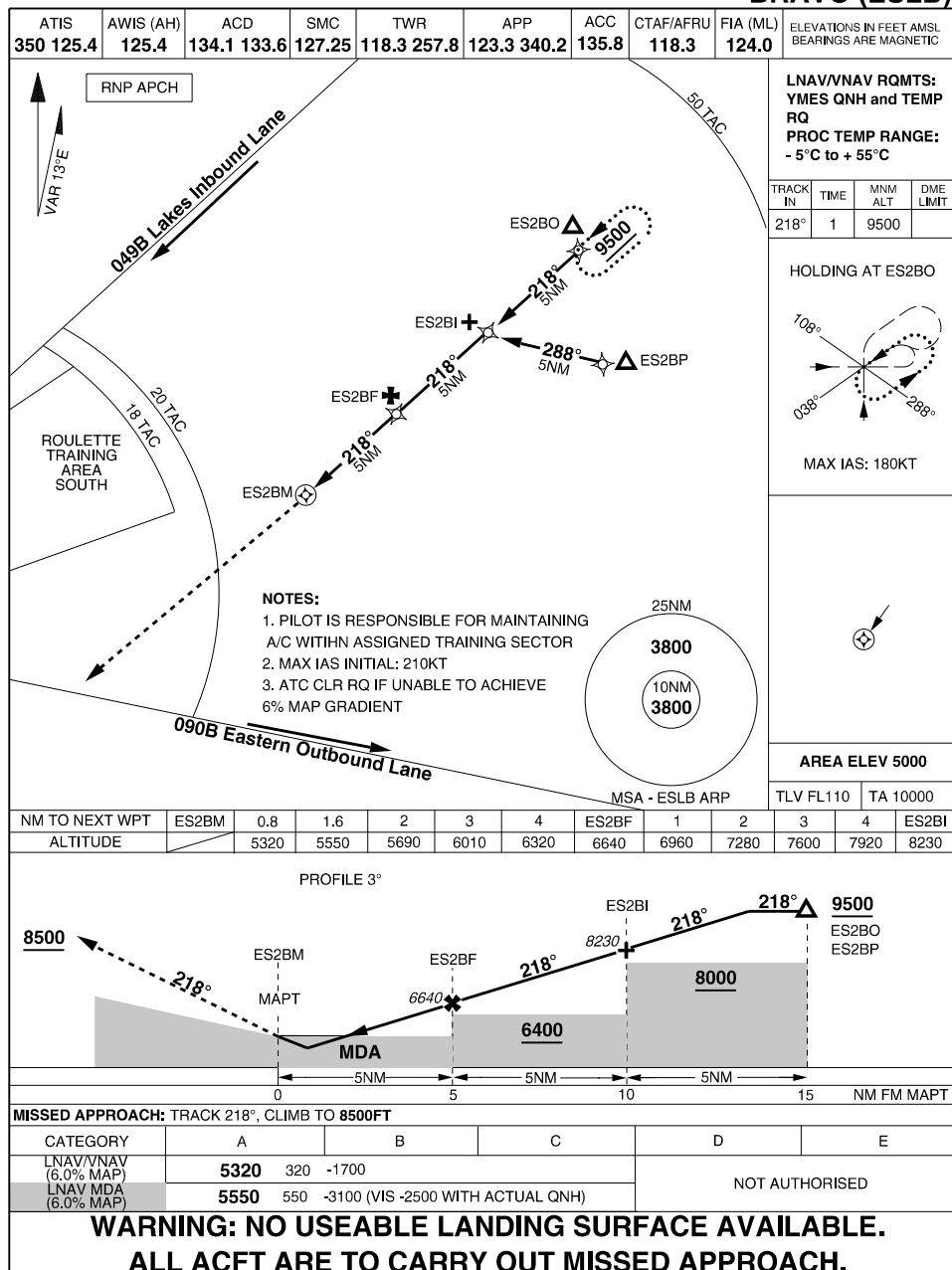


CHANGES: SUA	S38 05.94 E147 08.97	EAST SALE (YMES)
13 JUN 24		RNP RWY 04
	AIS-AF	
	MILITARY USE ONLY	

MILITARY USE ONLY

S38 02.70 E147 39.36
PANS-OPS, WGS 84

RNP B (CAT C)
BRAVO (ESLB)



CHANGES: RNP APCH RQMNT

30 NOV 23

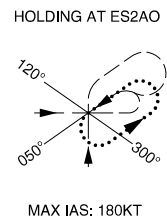
AIS-AF
MILITARY USE ONLY

BRAVO (ESLB)
RNP B (CAT C)

RNP E (CAT C)
ECHO (ESLE)

LNAV/VNAV RQMTS:
YMES QNH and TEMP
RQ
PROC TEMP RANGE:
- 5°C to + 55°C

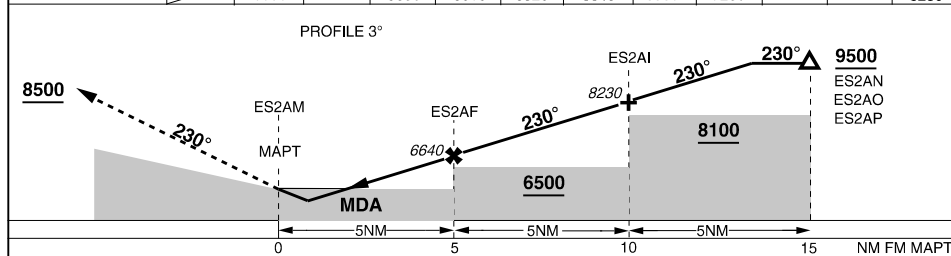
TRACK IN	TIME	MNM ALT	DME LIMIT
230°	1	9500	



NOTE:

1. PILOT IS RESPONSIBLE FOR MAINTAINING A/C WITHIN ASSIGNED TRAINING AREA
2. MAX IAS INITIAL: 210KT
3. ATC CLR REQ IF UNABLE TO ACHIEVE 5% MAP GRADIENT

AREA ELEV 5000	
TLV FL110	TA 10000



MISSED APPROACH: TRACK 230°, CLIMB TO 8500FT						
CATEGORY	A		B		C	D
LNAV/VNAV (5.0% MAP)	5350	350	-1900			NOT AUTHORISED
LNAV MDA (5.0% MAP)	5540	540	-3000 (VIS -2400 WITH ACTUAL QNH)			

**WARNING: NO USEABLE LANDING SURFACE AVAILABLE.
ALL ACFT ARE TO CARRY OUT MISSED APPROACH.**

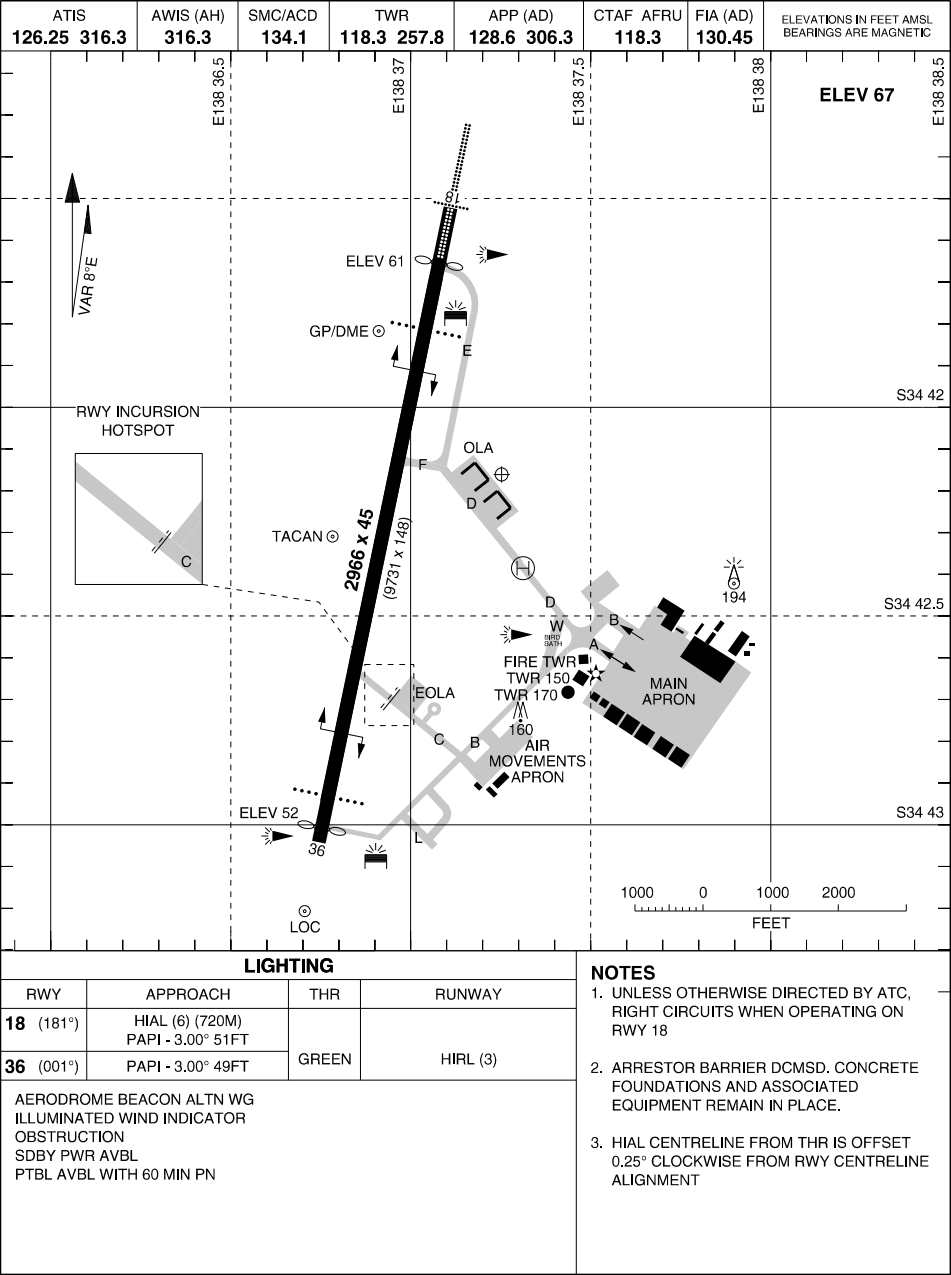
ECHO (ESLE)
RNP E (CAT C)

AIS-AF
MILITARY USE ONLY

MILITARY USE ONLY

S34 42.15 E138 37.25
PANS-OPS, WGS 84

AERODROME CHART
EDINBURGH (YPED)



CHANGES: RWY 18 PAPI PSN

20 MAR 25

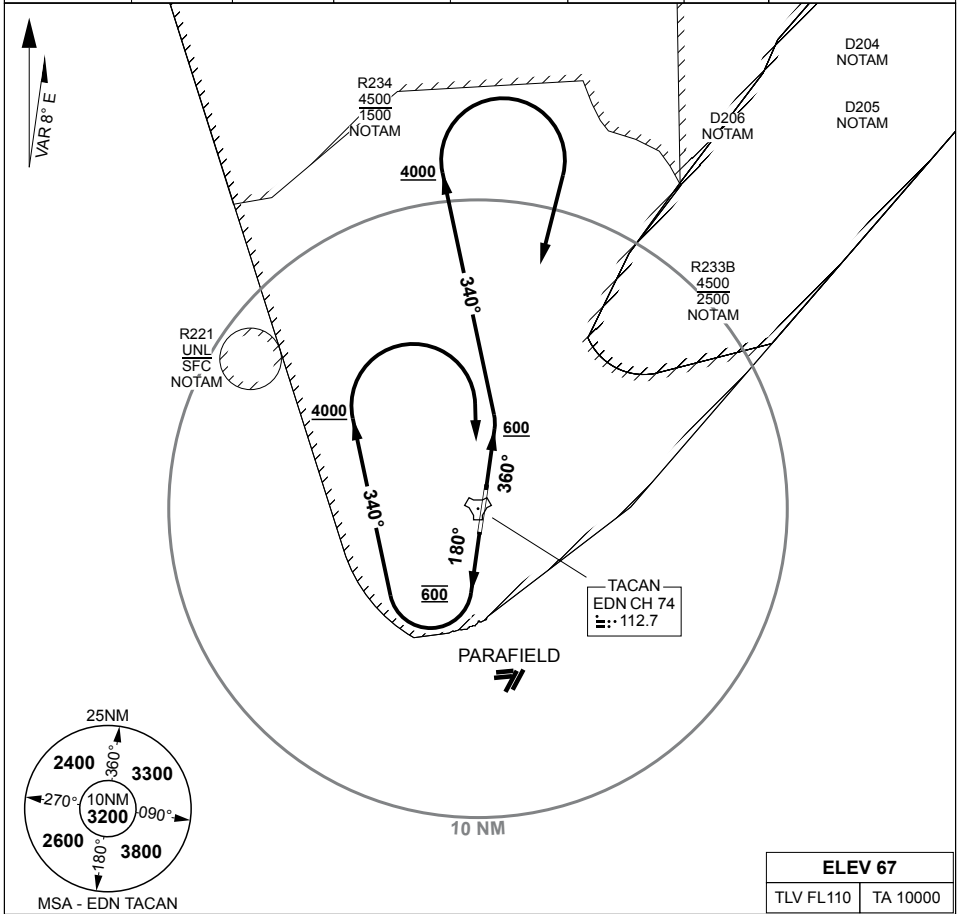
AIS-AF
MILITARY USE ONLY

EDINBURGH (YPED)
AERODROME CHART

PANS-OPS, WGS 84

SID RWY 18/36
EDINBURGH (YPED)

ATIS	AWIS (AH)	SMC /ACD	TWR	APP (AD)	CTAF /AFRU	FIA (AD)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
126.25 316.3	316.3	134.1	118.3 257.8	128.6 306.3	118.3	130.45	



ALL DEPARTURES

DRG CTAF HR, ENSURE AWY CLR AND CONTROLLED AIRSPACE ENTRY INSTRUCTIONS ARE RECEIVED PRIOR TO RWY ENTRY, CONTACT ADELAIDE APP ON LEAVING 1500FT, EXPECT RADAR VECTORS AFTER LEAVING 3000FT

NORTH TWO

RWY 18

PROCEDURE NOT AVAILABLE WHEN R221 ACTIVE, GRAD 3.3%, TRACK 180°, AT 600FT BUT NOT BEFORE DER, TURN RIGHT, TRACK 340°, AT 4000FT TURN RIGHT, TRACK DIRECT TO EDN TACAN, INTERCEPT CLEARED ROUTE

CAUTION: PARAFIELD CTR 3NM SOUTH OF AD

RWY 36

GRAD 3.3%, TRACK 360°, AT OR ABV 600FT BUT NOT BEFORE DER, TURN LEFT, TRACK 340°, AT 4000FT TURN RIGHT, TRACK DIRECT TO EDN TACAN, INTERCEPT CLEARED ROUTE

CHANGES: REMOVE WPT DOLVU

S34 42.15 E138 37.25

12 JUN 25

**AIS-AF
MILITARY USE ONLY**

EDINBURGH (YPED)
SID RWY 18/36

ILS-Y or LOC-Y RWY 18 USING EDN TACAN or IED DME
EDINBURGH (YPED)

CHANGES: EDITORIAL
21 MAR 24

MILITARY USE ONLY
AIS-AP

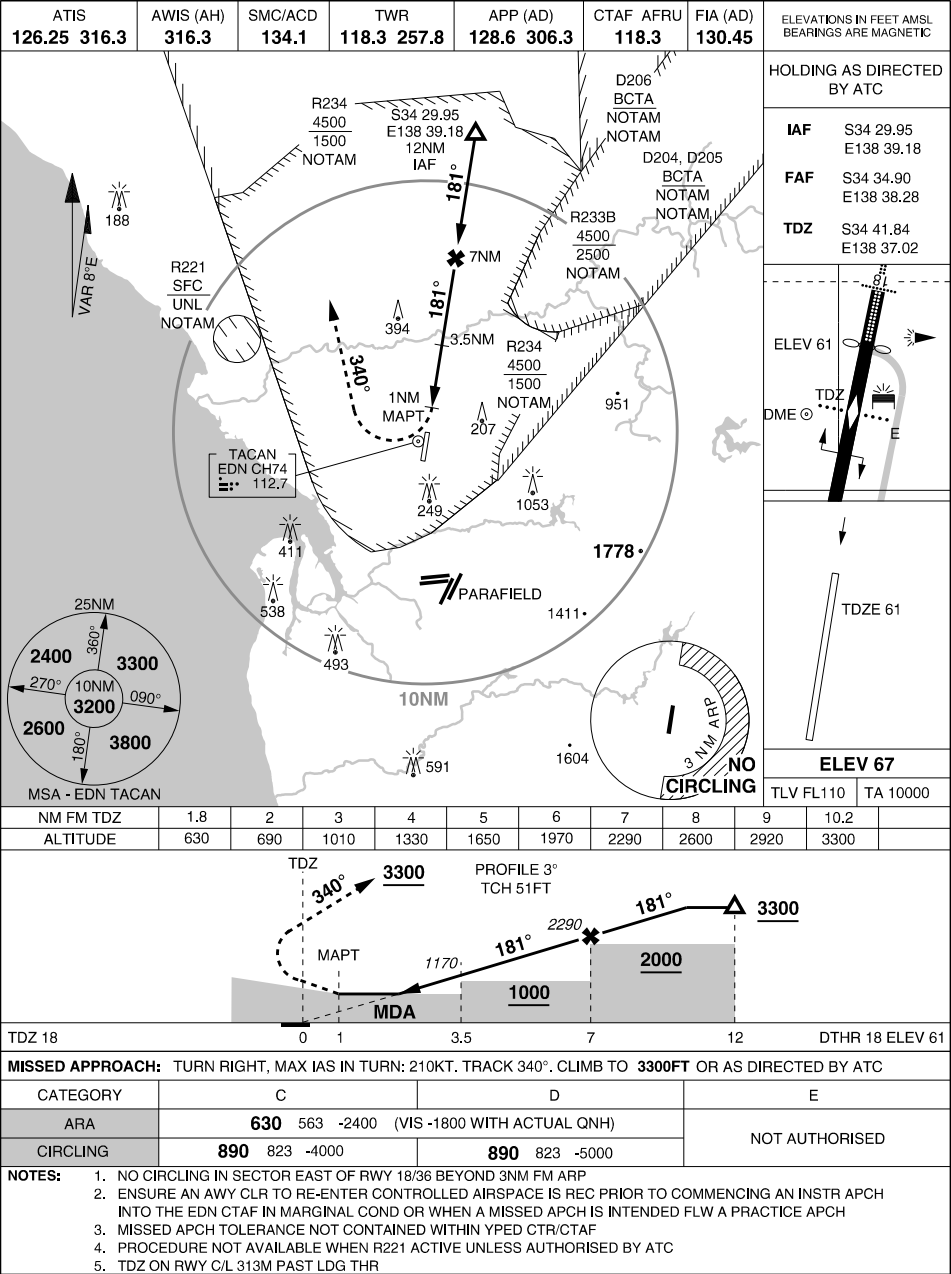
EDINBURGH (YPED)

ILS-Y or LOC-Y Rwy 18 USING EDN TACAN or IED DME

MILITARY USE ONLY

S34 42.15 E138 37.25
PANS-OPS, WGS 84, AATCP-1

ARA RWY 18
EDINBURGH (YPED)



CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

EDINBURGH (YPED)
ARA RWY 18

TACAN EDN Chan 74	APCH CRS 187°	RWY LDG 8399 THR ELEV 61 AD ELEV 67
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PANS-OPS, WGS-84

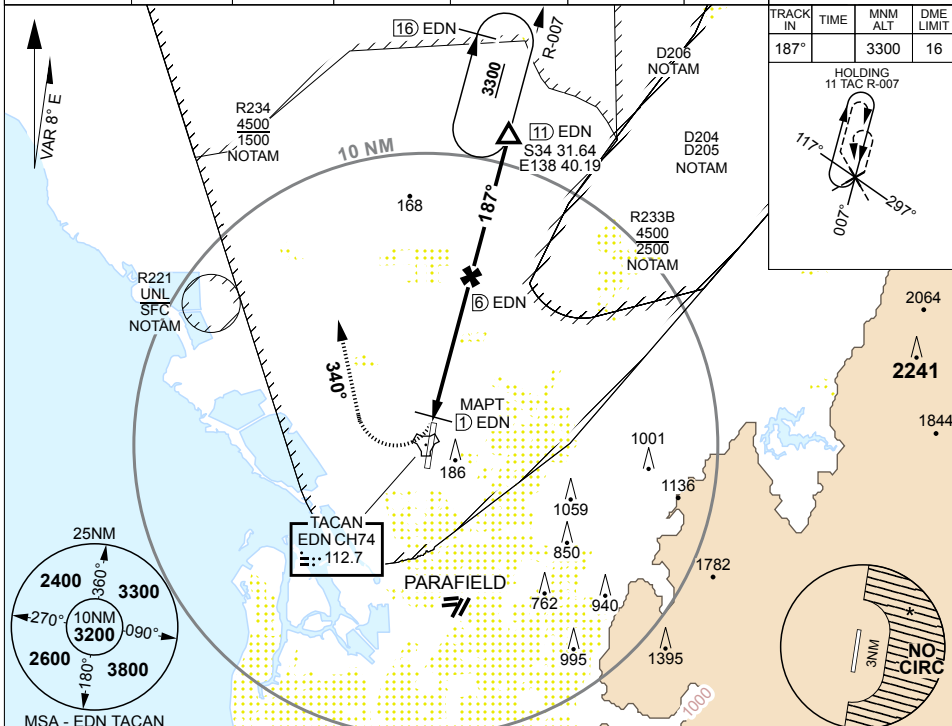
TACAN RWY 18 EDINBURGH (YPED)

1. NO CIRCLING IN SECTOR EAST OF RWY 18/36 BEYOND 3NM.
2. ENSURE AN AWY CLR TO RE-ENTER CONTROLLED AIRSPACE IS REC PRIOR TO COMMENCING AN INSTR APCH INTO THE EDN CTAIF IN MARGINAL COND OR WHEN A MISSED APCH IS INTENDED FLW A PRACTICE APCH.
3. MISSED APCH TOLERANCE NOT CONTAINED WITHIN YPED CTR/CTAF.
4. PROCEDURE NOT AVAILABLE WHEN R221 ACTIVE UNLESS AUTHORISED BY ATC.



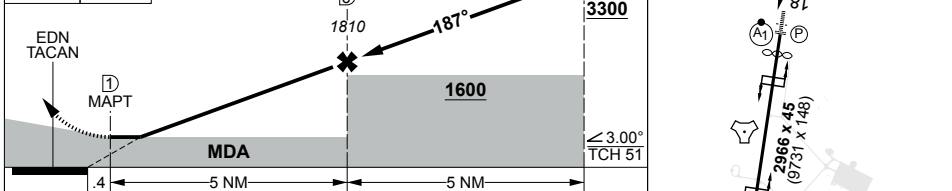
MISSED APPROACH:
TURN RIGHT, MAX IAS IN
TURN: 210KT. TRACK 340°.
CLIMB TO 3300FT OR AS
DIRECTED BY ATC.

ATIS	AWIS (AH)	SMC /ACD	TWR	APP (AD)	CTAF /AFRU	FIA (AD)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
126.25 316.3	316.3	134.1	118.3 257.8	128.6 306.3	118.3	130.45	



EDN TAC	2.2	3	4	5	6	7	8	9	10	10.7			
ALTITUDE	620	860	1180	1500	1810	2130	2450	2770	3090	3300			

3300	Turn	TLV FL 110	TA 10000
crs	MAX	THR ELEV 61	TDZE 61
340°	210KTS		



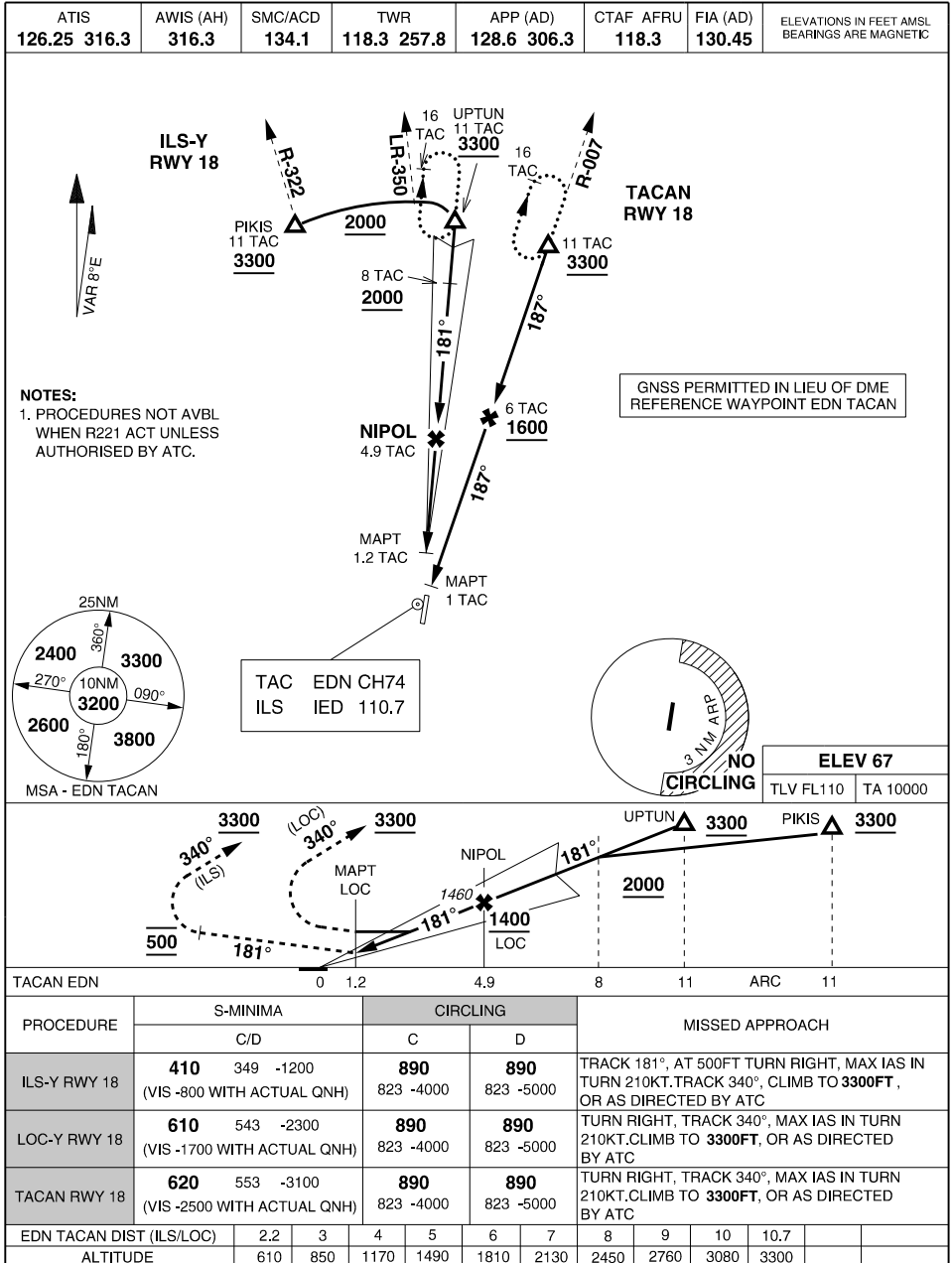
CATEGORY	A	B	C	D
S-18	620	553	3100m	
CIRCLING	800 733 2000m	800 733 2400m	890 823 4000m	890 823 5000m

CHANGES: TAC CH/FREQ S34 42.15 E138 37.25
23 MAR 23
EDINBURGH (YPED)
TACAN RWY 18
AIS-AF
MILITARY USE ONLY

MILITARY USE ONLY

S34 42.15 E138 37.25
PANS-OPS, WGS 84

COMPOSITE
EDINBURGH (YPED)



CHANGES: VIS

15 JUN 23

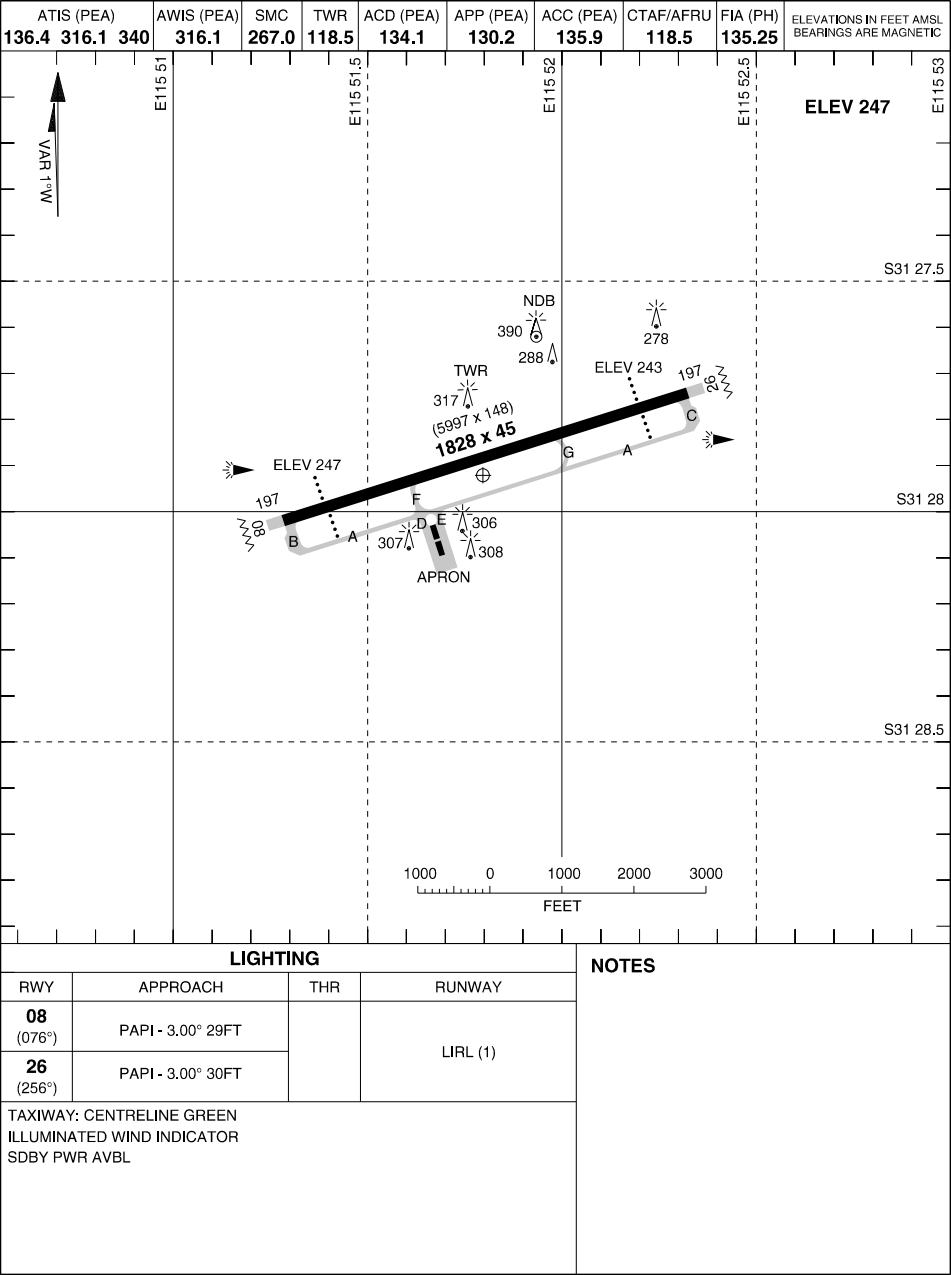
ACG
MILITARY USE ONLY

EDINBURGH (YPED)
COMPOSITE

MILITARY USE ONLY

S31 27.91 E115 51.80
PANS-OPS, WGS 84

AERODROME CHART
GINGIN (YGIG)



CHANGES: IWI
28 NOV 24

AIS-AF
MILITARY USE ONLY

GINGIN (YGIG)
AERODROME CHART

MILITARY USE ONLY

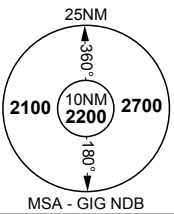
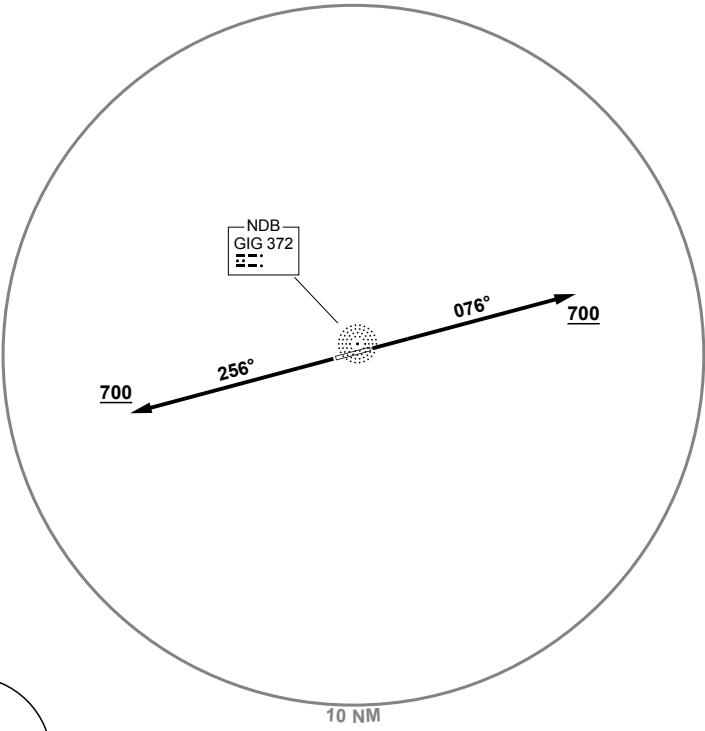
SID (RADAR) ALL RWYS
GINGIN (YGIG)

PANS-OPS, WGS 84

ATIS (PEA) 136.4 316.1 340	AWIS (PEA) 316.1	SMC 267.0	TWR 118.5	ACD (PEA) 134.1	APP (PEA) 130.2	ACC (PEA) 135.9	CTAF / AFRU 118.5	FIA (PH) 135.25	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ELEV 247	
TLV FL110	TA 10000

VAR 1° W



COMMUNICATIONS FAILURE: SQUAWK 7600, MAINTAIN LAST ASSIGNED VECTOR FOR TWO MINUTES; AND **CLIMB IF NECESSARY TO MINIMUM SAFE ALTITUDE** TO MAINTAIN TERRAIN CLEARANCE; THEN PROCEED IN ACCORDANCE WITH THE LATEST ATC ROUTE CLEARANCE ACKNOWLEDGED

DEPARTURE ROUTE DESCRIPTION

GINGIN THREE

RWY 08

GRAD 3.3%, TRACK 076°, AT 700FT, BUT NOT BEFORE DER, TURN TO ASSIGNED HDG OR TRACK

RWY 26

GRAD 3.3%, TRACK 256°, AT 700FT, BUT NOT BEFORE DER, TURN TO ASSIGNED HDG OR TRACK

CHANGES: YPEA ATIS FREQ

S31 27.91 E115 51.80

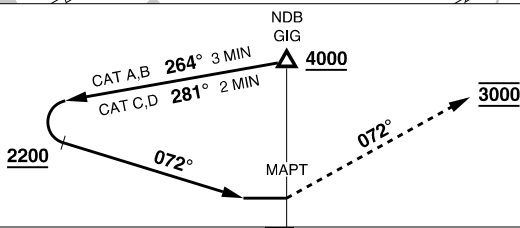
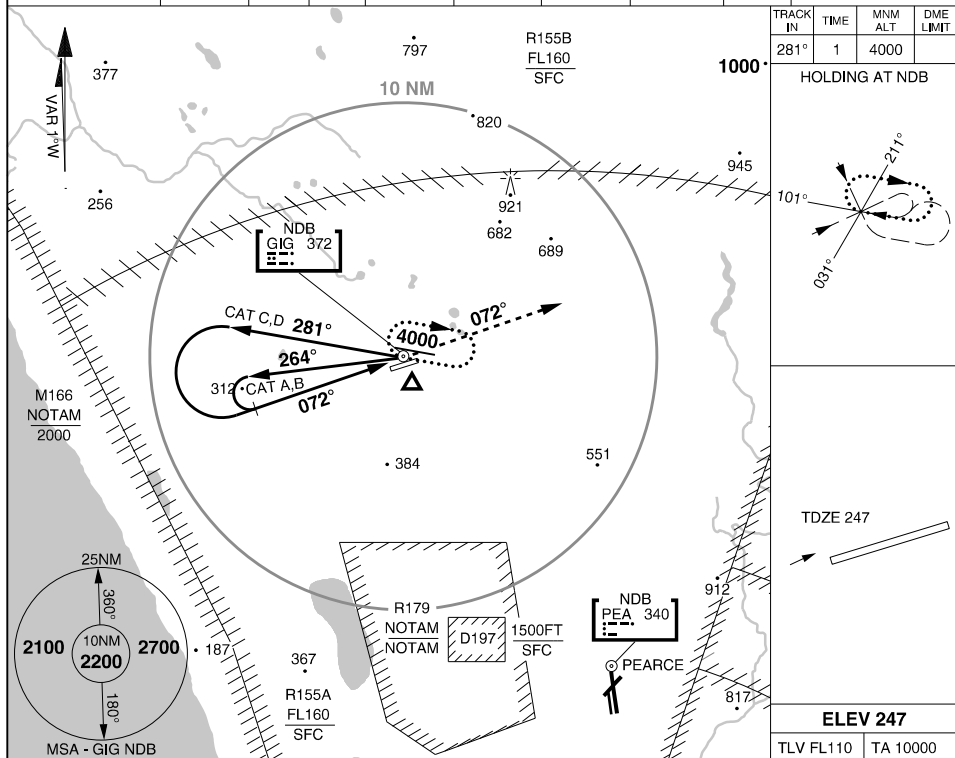
02 DEC 21

AIS-AF
MILITARY USE ONLY

GINGIN (YGIG)
SID (RADAR) ALL RWYS

NDB RWY 08
GINGIN (YGIG)

ATIS (PEA)	AWIS (PEA)	SMC	TWR	ACD (PEA)	APP (PEA)	ACC (PEA)	CTAF/AFRU	FIA (PH)	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	267.0	118.5	134.1	130.2	135.9	118.5	135.25	



THR 08 ELEV 247

MISSED APPROACH: TRACK 072°, CLIMB TO 3000FT

CATEGORY	A	B	C	D
NDB		840	593 -3400	
CIRCLING	990	743 -2400	1140 893 -4000	1340 1093 -5000

CHANGES: SUA IDENT

13 JUN 24

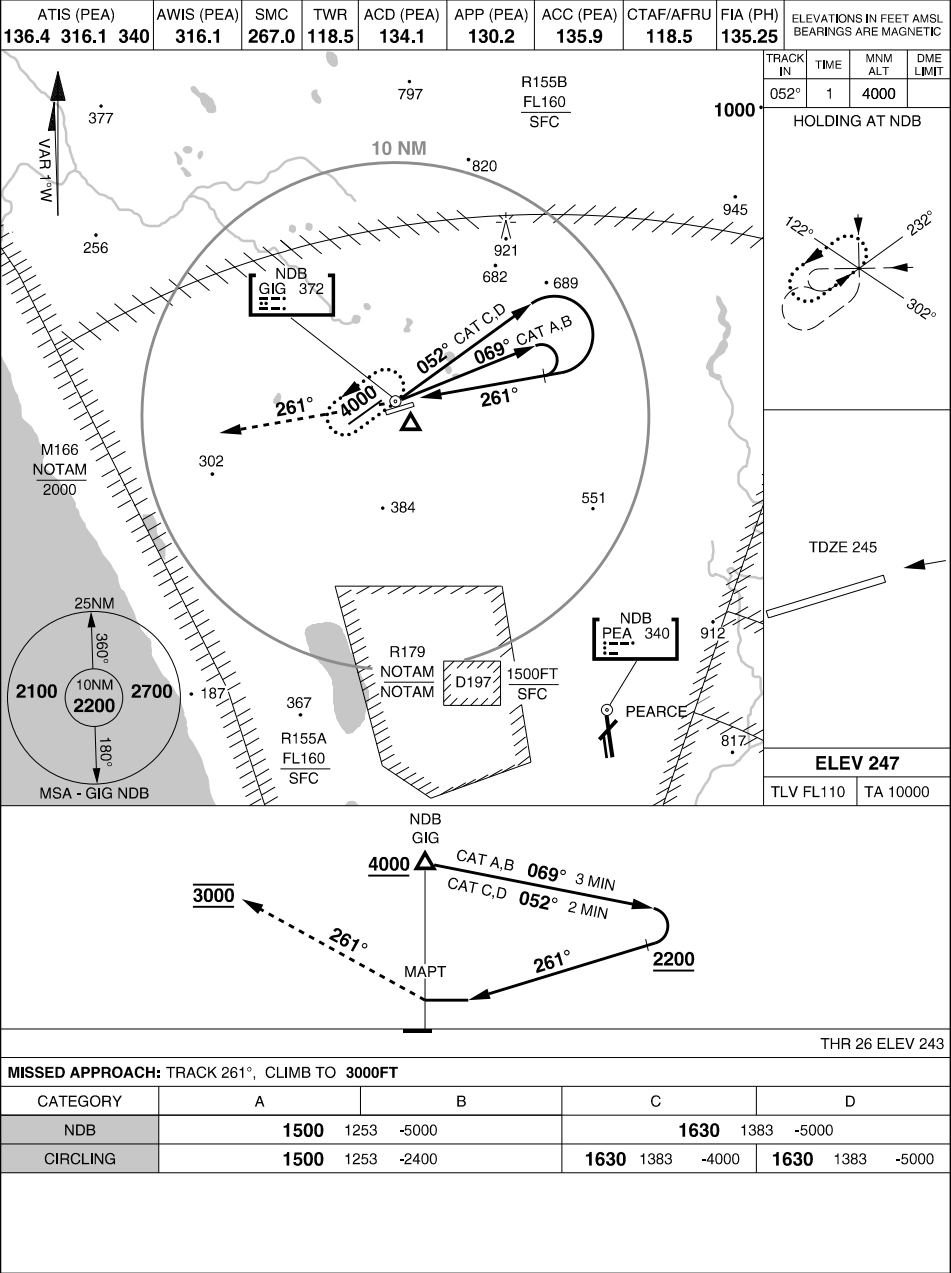
AIS-AF
MILITARY USE ONLY

GINGIN (YGIG)
NDB RWY 08

MILITARY USE ONLY

S31 27.91 E115 51.80
PANS-OPS, WGS 84

NDB RWY 26
GINGIN (YGIG)



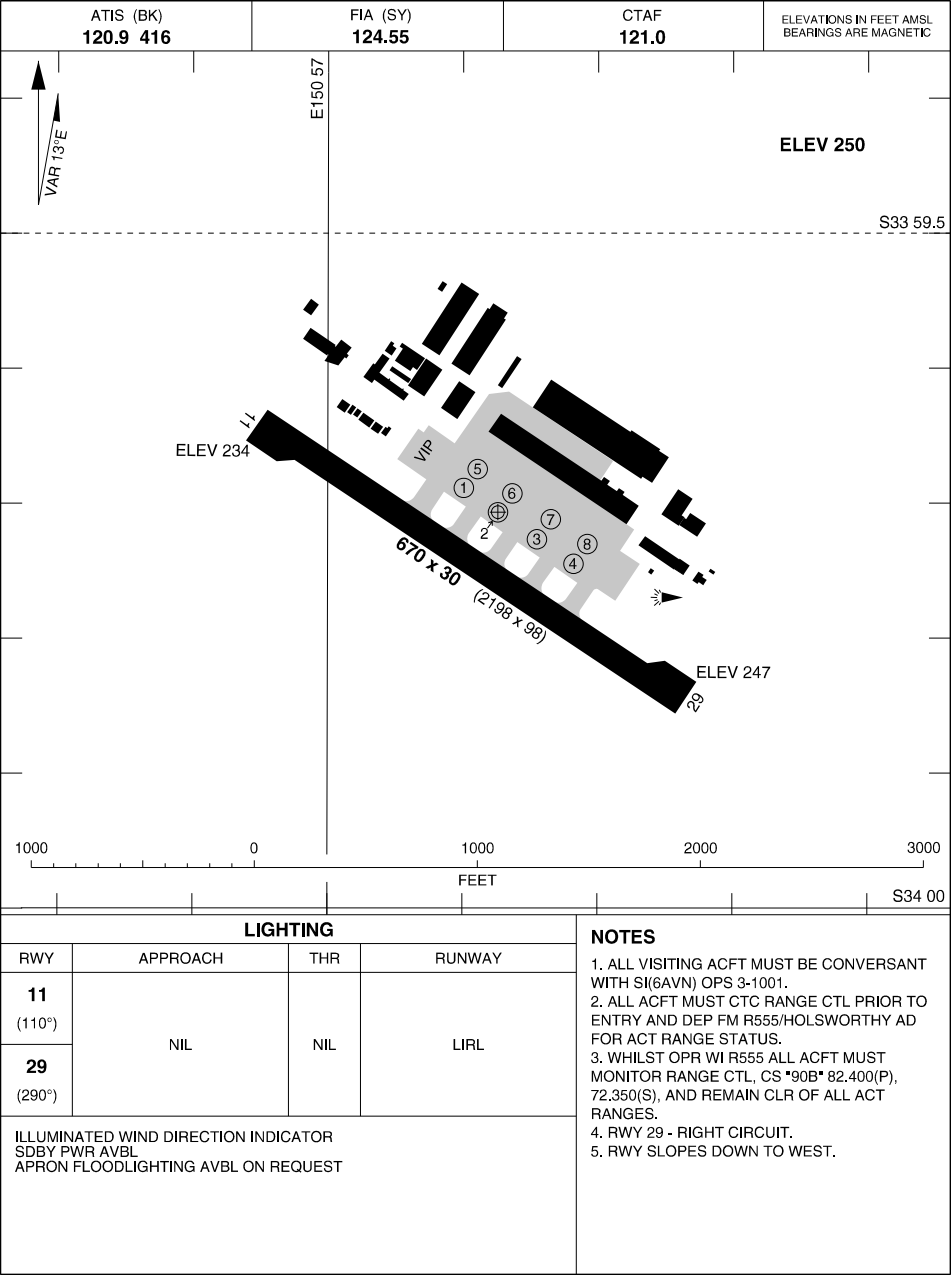
CHANGES: SUA IDENT
13 JUN 24

AIS-AF
MILITARY USE ONLY

GINGIN (YGIG)
NDB RWY 26

S33 59.70 E150 57.15
PANS-OPS, WGS 84

AERODROME CHART
HOLSWORTHY (YSHW)

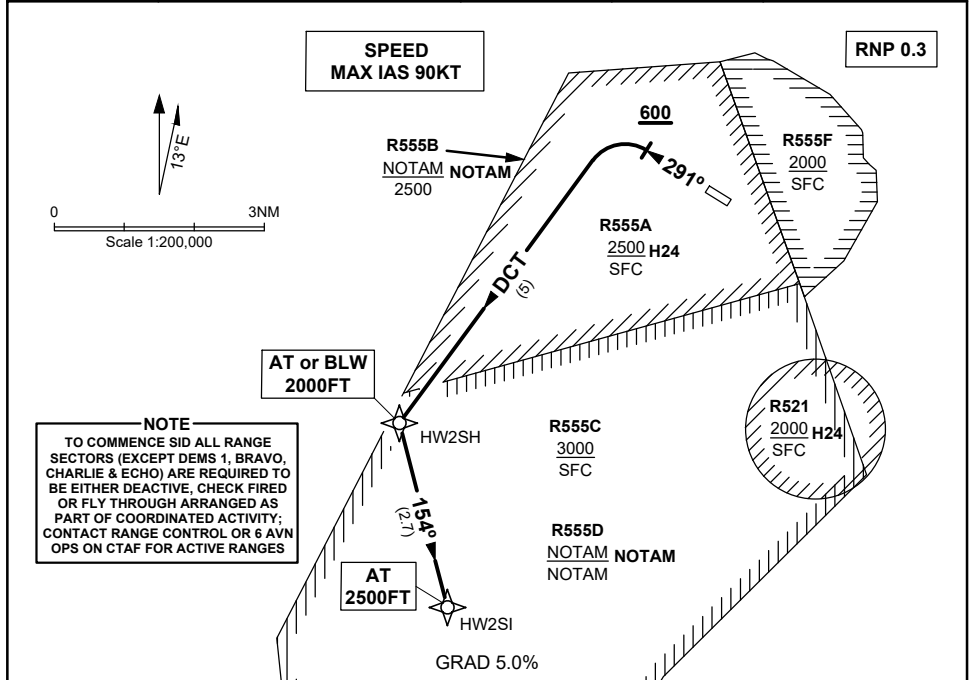


CHANGES: CTAF FREQ
13 JUN 24

**STANDARD INSTRUMENT DEPARTURES (SID)
HW2SI ONE DEPARTURE (HELICOPTER, RNAV)
HOLSWORTHY, NSW (YSHW)**

13 JUN 2024

YSBK ATIS 120.9 416	RANGE CONTROL PRI: 72.350 ALT: 82.400	FIA SY CEN 124.55	CTAF 121.0	Bearings are Magnetic Elevations in FEET AMSL
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**HW2SI ONE DEPARTURE****RWY 29**

- Track 291°
- AT or ABV 600FT turn LEFT
- TRACK DCT HW2SH
- **Cross HW2SH AT or BLW 2000FT**
- Track 154° to HW2SI
- Climb to 2500FT

COMMUNICATIONS FAILURE PROCEDURE

On recognition of communication failure

- Squawk 7600.
- Maintain last assigned vector for two minutes and, if necessary, climb to minimum safe altitude to maintain terrain clearance, then
- Proceed in accordance with the latest ATC route clearance acknowledged.

Changes: CTAF FREQ

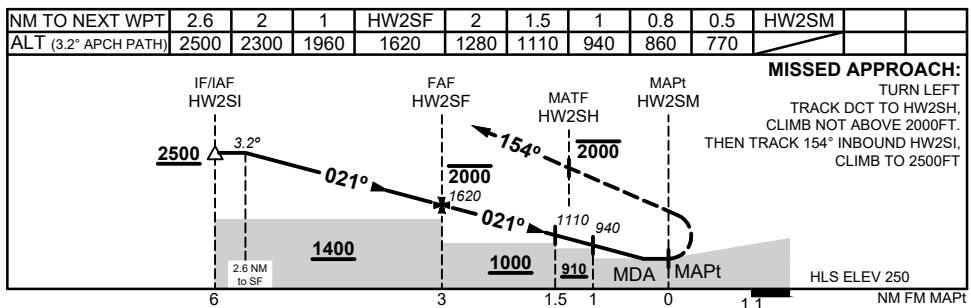
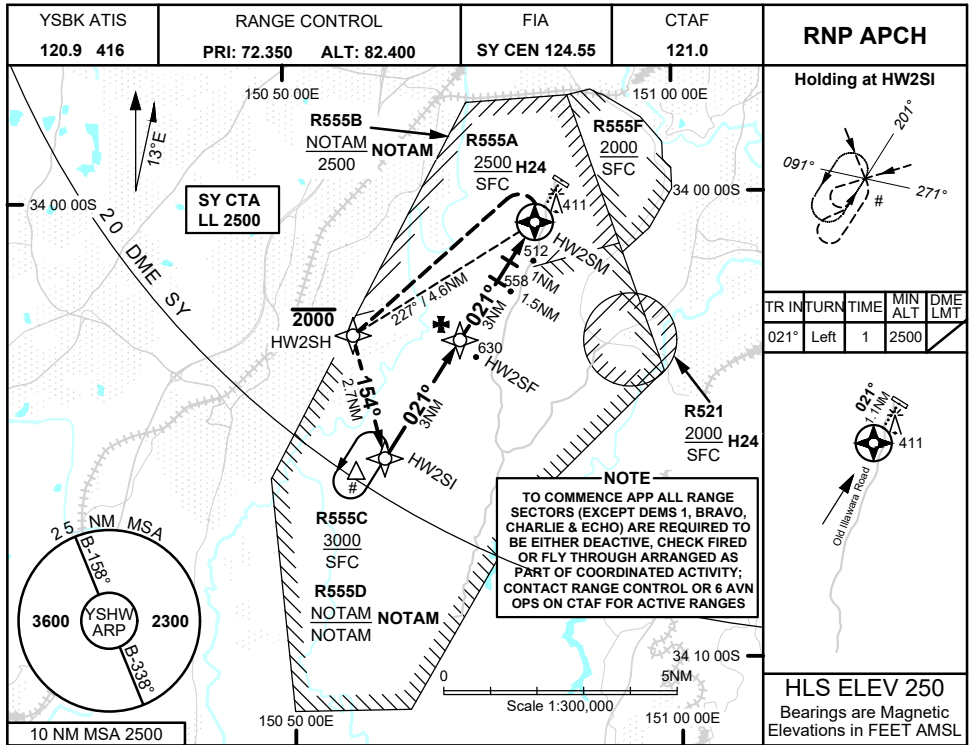
MILITARY USE ONLY

SHWDP01-NNN



13 JUN 2024

HOLSWORTHY, NSW (YSHW)



NOTES

- MAX IAS:
FINAL: 70KTS
MAPt TURN: 70 KTS
- KEY LEAD IN FEATURES:
OLD ILLAWARA ROAD
- HLDG AND MAP NOT
CONTAINED IN
CONTROLLED AIRSPACE
- HOLDING: MAINTAIN
WITHIN R555C AT ALL
TIMES

CATEGORY	H
LNAV (VAA) USING YSBK QNH (4.2% MAP)	770 (520 - 3.0)
LNAV (VAA, 4.2% MAP)	860 (610 - 3.5)
CIRCLING	NOT APPLICABLE
ALTERNATE	(1110 - 5.5)

Changes: CTAF

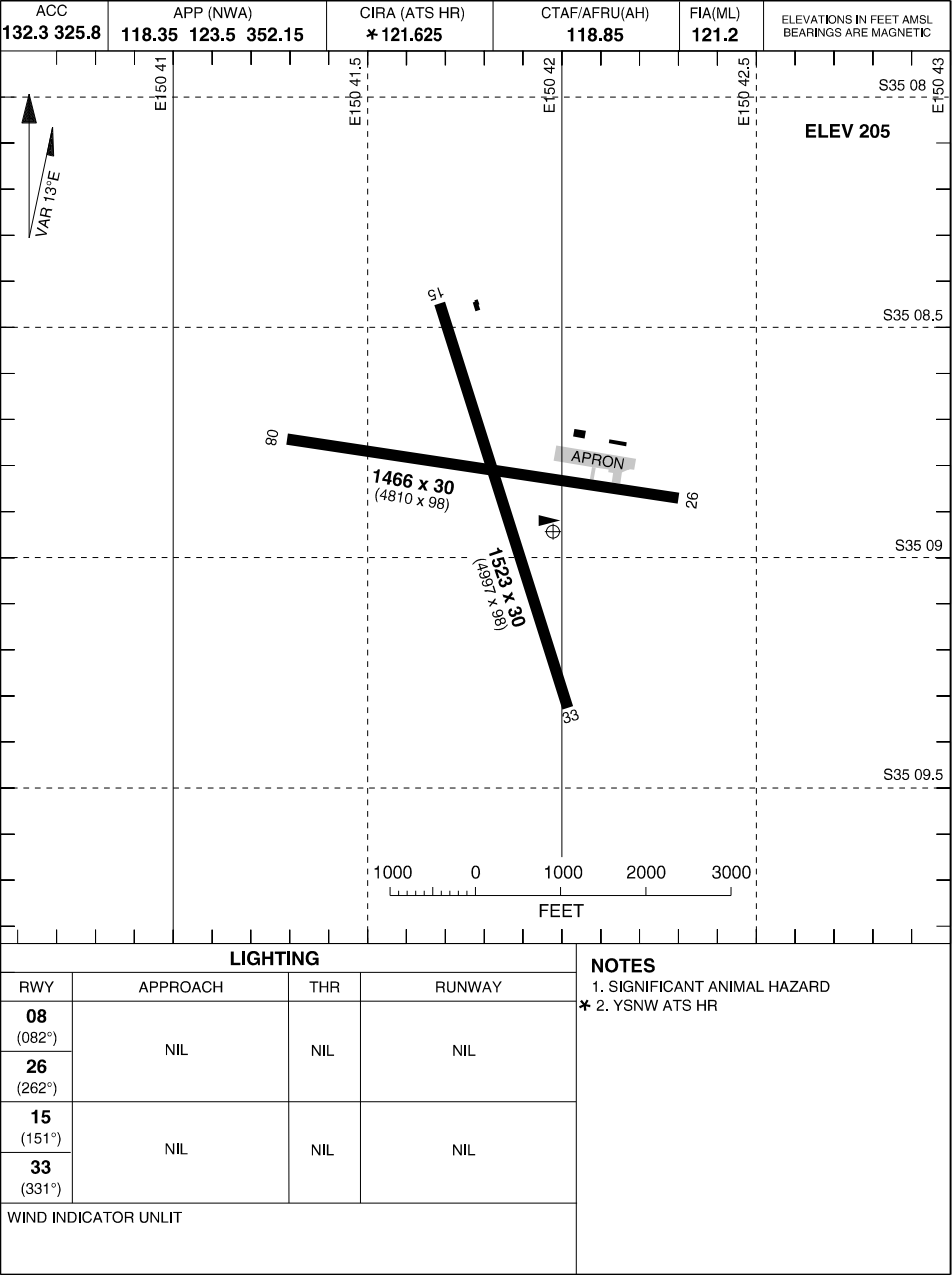
MILITARY USE ONLY

SHWGN01-NNN

MILITARY USE ONLY

S35 08.85 E150 41.92
PANS-OPS, WGS 84

AERODROME CHART
JERVIS BAY (YJBY)



CHANGES: AD ELEV, RWY DIMENSIONS
20 MAR 25

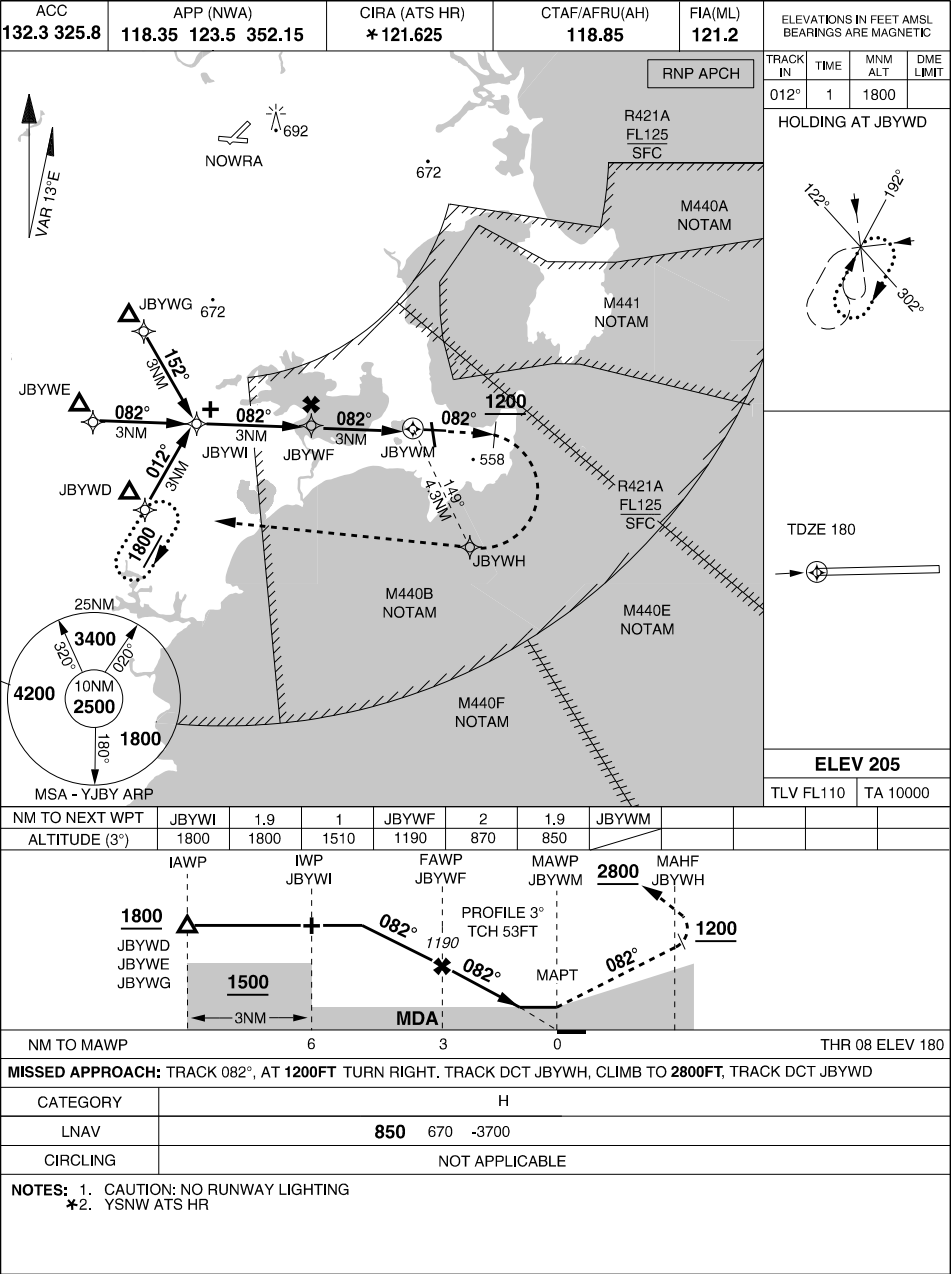
AIS-AF
MILITARY USE ONLY

JERVIS BAY (YJBY)
AERODROME CHART

S35 08.85 E150 41.92
PANS-OPS, WGS 84

MILITARY USE ONLY

RNP RWY 08 (CAT H)
JERVIS BAY (YJBY)



CHANGES: AD ELEV, THR ELEV, TDZE, OCH, TCH
20 MAR 25

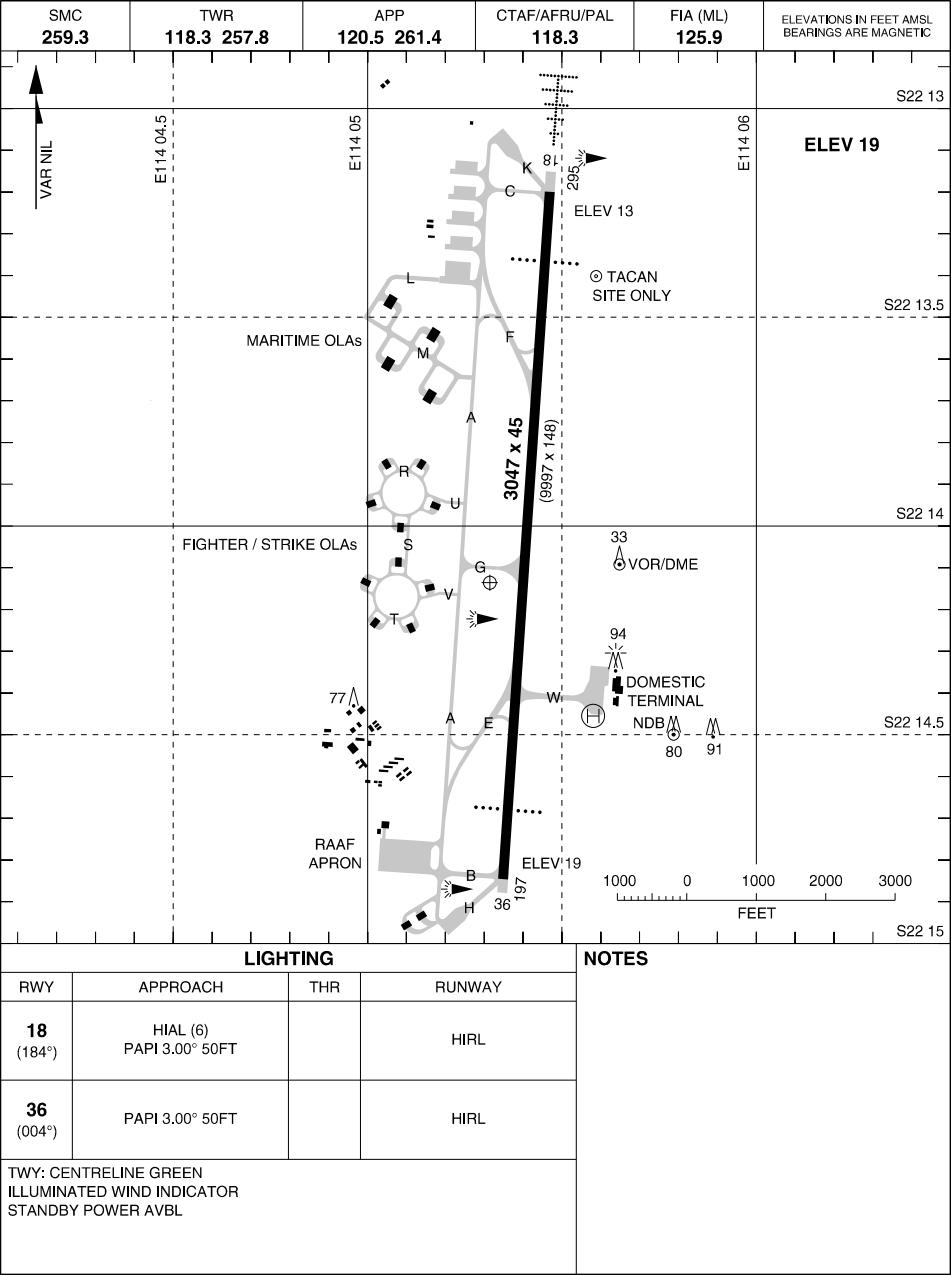
AIS-AF
MILITARY USE ONLY

JERVIS BAY (YJBY)
RNP RWY 08 (CAT H)

MILITARY USE ONLY

S22 14.13 E114 05.32
PANS-OPS, WGS 84

AERODROME CHART
LEARMONTH (YPLM)



CHANGES: RWY BRGS
20 MAR 25

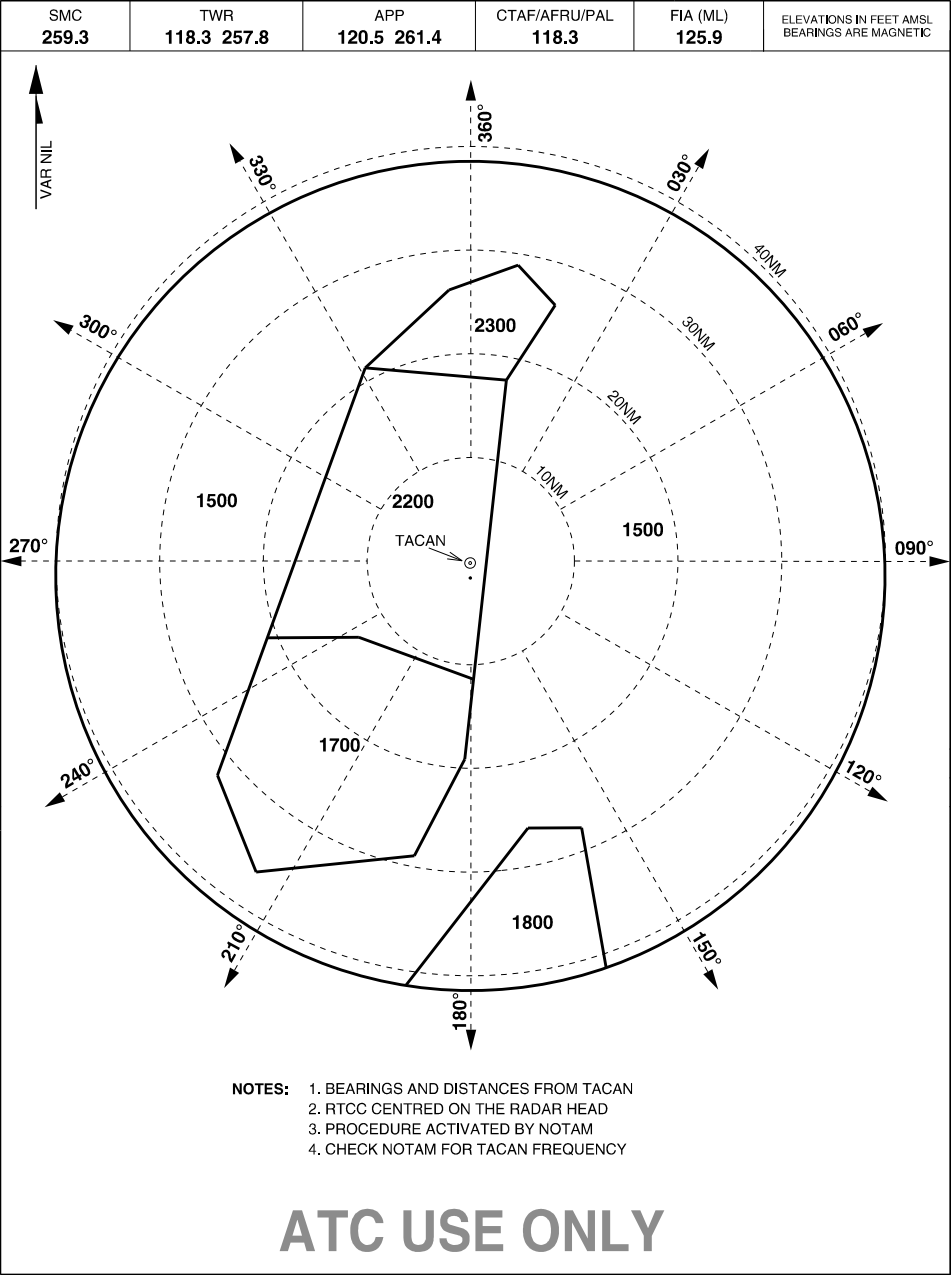
AIS-AF
MILITARY USE ONLY

LEARMONTH (YPLM)
AERODROME CHART

MILITARY USE ONLY

ATC USE ONLY

RTCC
LEARMONTH (YPLM)



CHANGES: NEW CHART
30 NOV 23

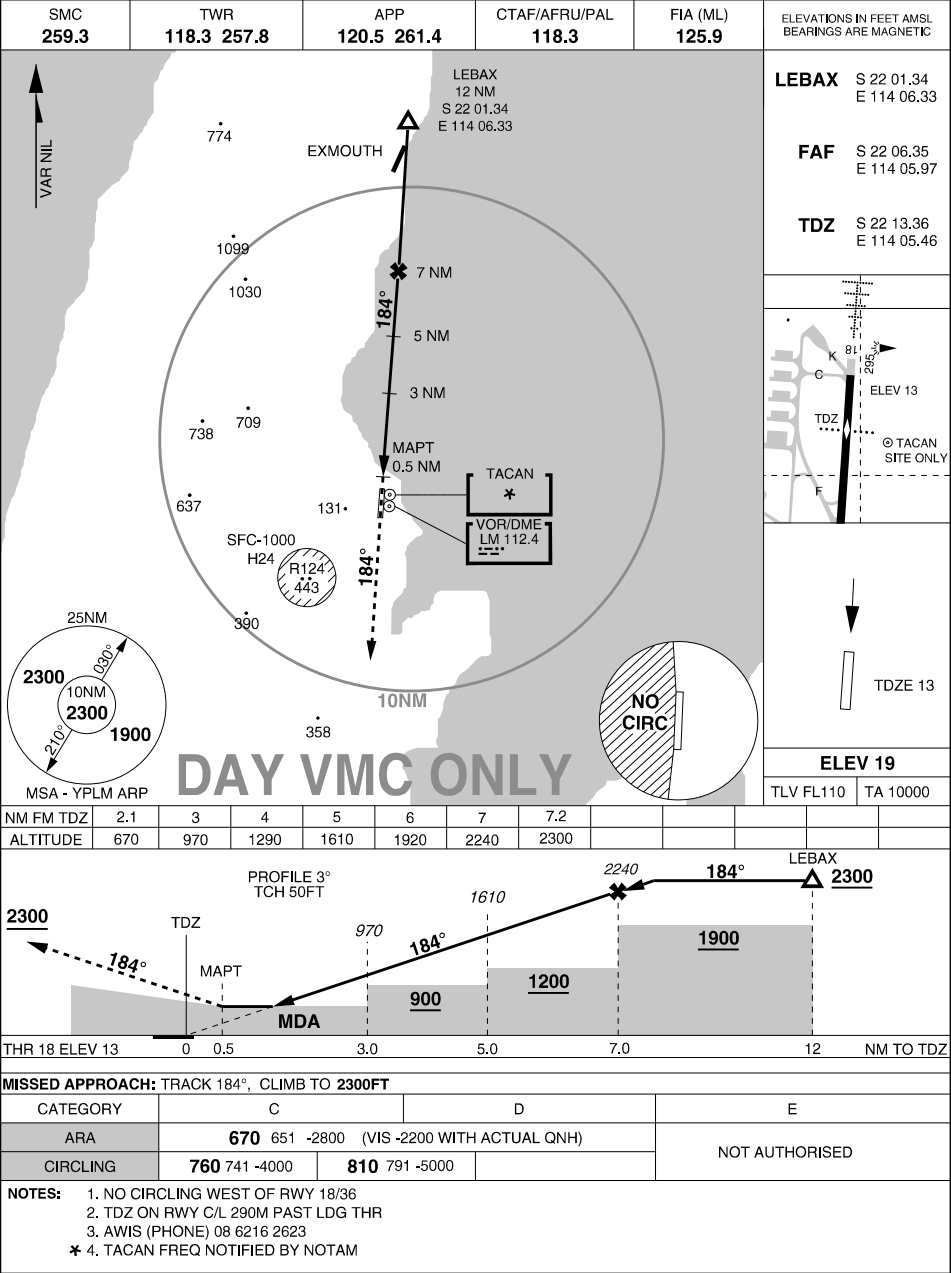
AIS-AF
MILITARY USE ONLY

LEARMONTH (YPLM)
RTCC

MILITARY USE ONLY

S22 14.13 E114 05.32
PANS-OPS, WGS 84, AATCP-1

ARA RWY 18
LEARMONTH (YPLM)



CHANGES: RWY END DIAGRAM

20 MAR 25

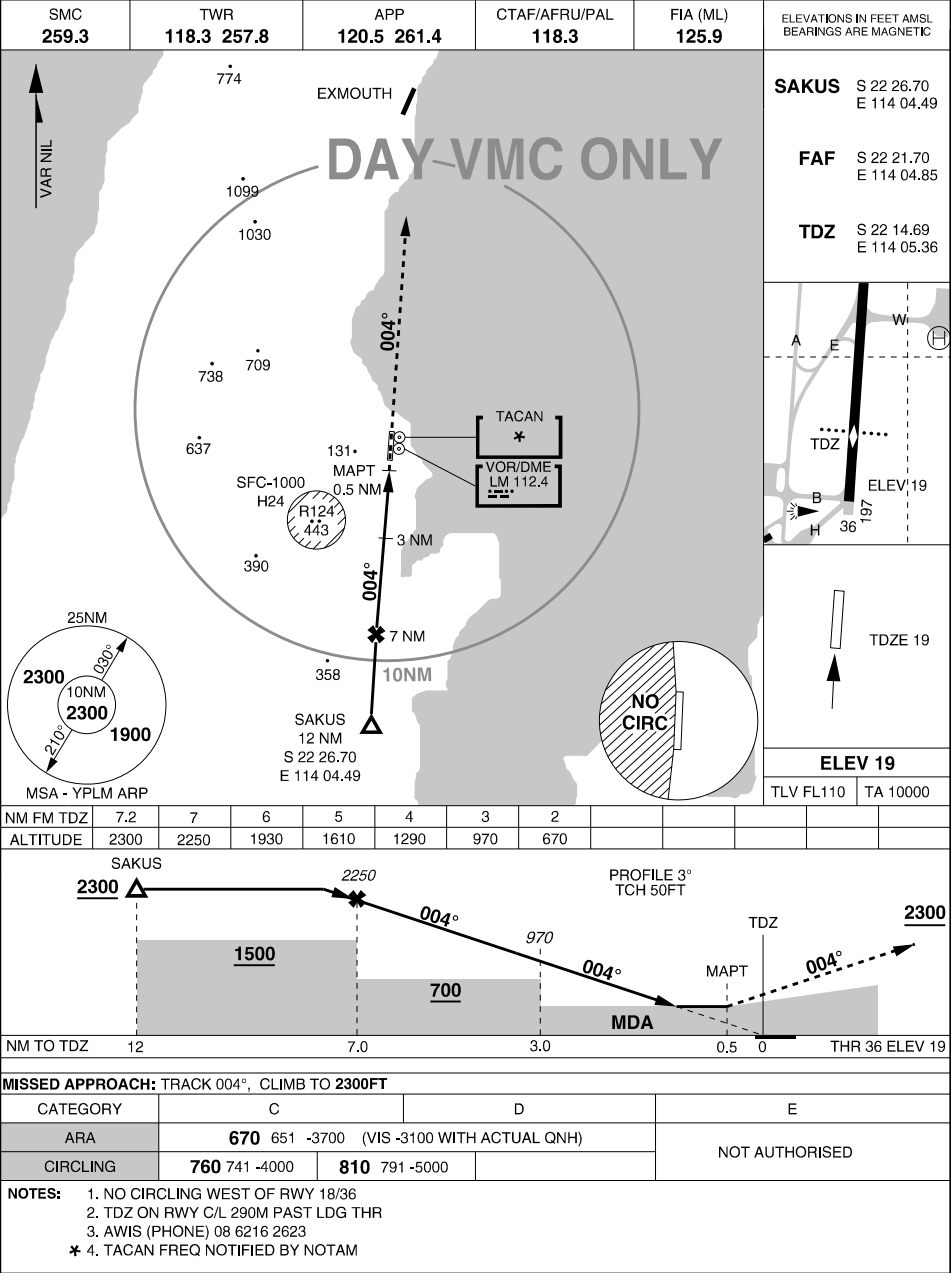
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MILITARY USE ONLY

LEARMONTH (YPLM)
ARA RWY 18

MILITARY USE ONLY

S22 14.13 E114 05.32
PANS-OPS, WGS 84, AATCP-1

ARA RWY 36
LEARMONTH (YPLM)



CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

LEARMONTH (YPLM)
ARA RWY 36

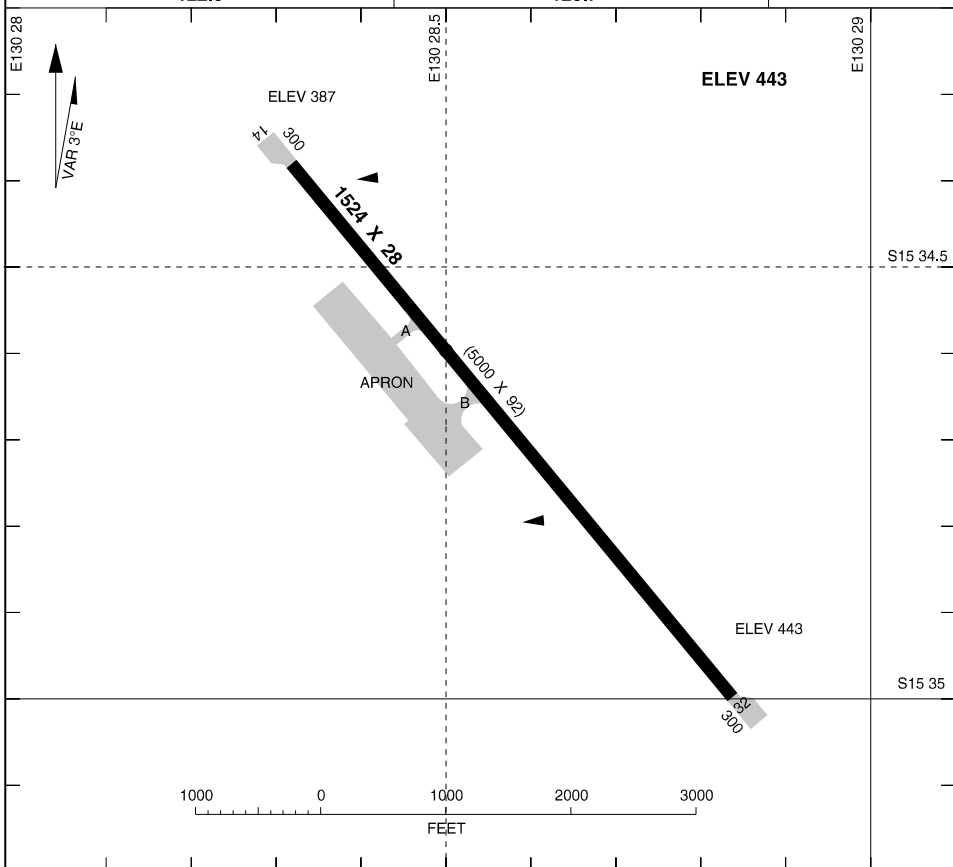
AERODROME CHART

NACKEROO (YNKR)

FIA (BN)
122.6

CTAF
126.7

ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC



LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
14 (138°)	NIL	NIL	NIL	
32 (318°)	NIL	NIL	NIL	

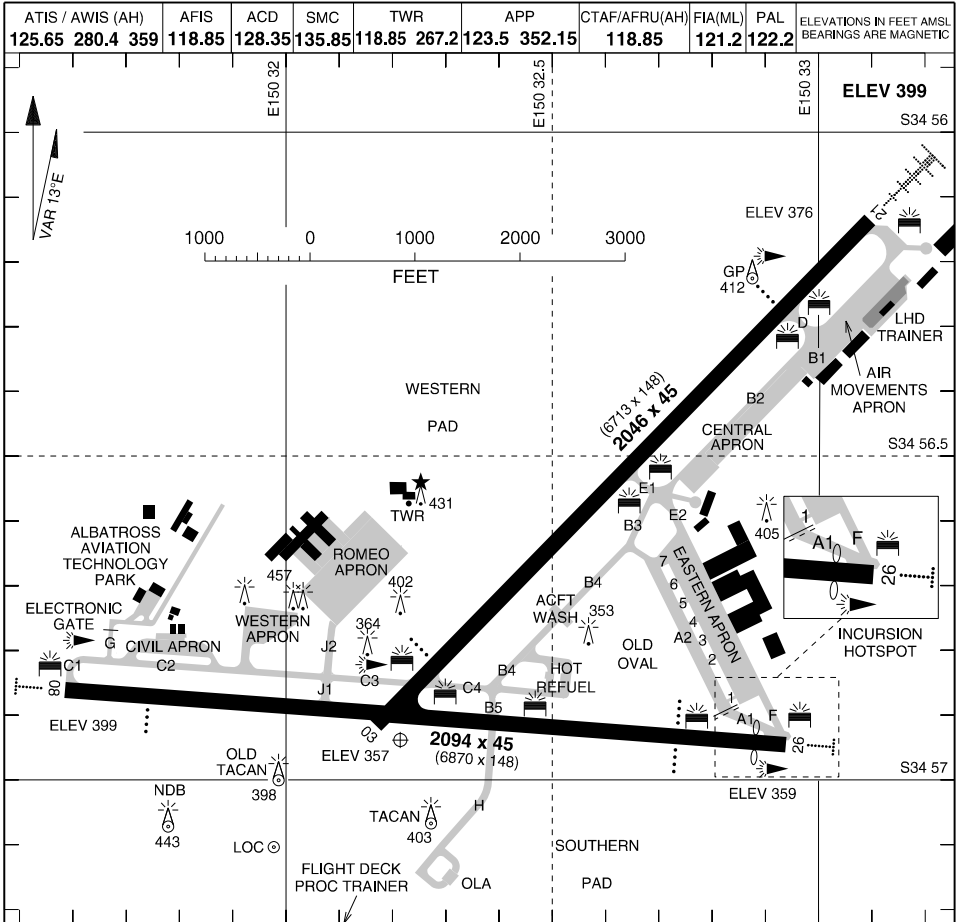
NACKEROO (YNKR) AERODROME CHART

MILITARY USE ONLY

MILITARY USE ONLY

AERODROME CHART
NOWRA (YSNW)

S34 56.94 E150 32.22
PANS-OPS, WGS 84



LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
03 (032°)	PAPI (6) (LEFT SIDE) 3.00° 52FT	GREEN /RED	HIRL (6) PAL 122.2 PTBL 30 MIN PN	1. RWYS 08 AND 21 - RIGHT CIRCUIT 2. RWY 26 THR DISPLACED 91M (299FT).
21 (212°)	HIAL (6) (724M) PAPI (6) (RIGHT SIDE) 3.00° 51FT ALIGNED WITH ILS GP			
08 (082°)	SALS (3) PAPI (6) (RIGHT SIDE) 3.00° 57FT			CAUTION SEVERE DOWNDRAFTS WITHIN 1NM OF THR ON APCH TO RWY 26 WHEN WIND ABV 7KT FROM WEST TRANSITIONAL SFC AT E END RWY 08/26 MAY BE INFRINGED BY TRANSIENT VEHICLES
26 (262°)	SALS (6) PAPI (6) (BOTH SIDES) 3.00° 52FT	GREEN/RED DISP 299FT		
AERODROME BEACON ALT WG 10 SEC TAXIWAY: CENTRELINE GREEN EMERGENCY: SDBY PWR AVBL (15 SEC DLA) PAL FAILURE CTC RFFS ON CTAF FREQ (10 MIN DLA)				

CHANGES: RWY 21 PAPI PSN, NEW TACAN PSN

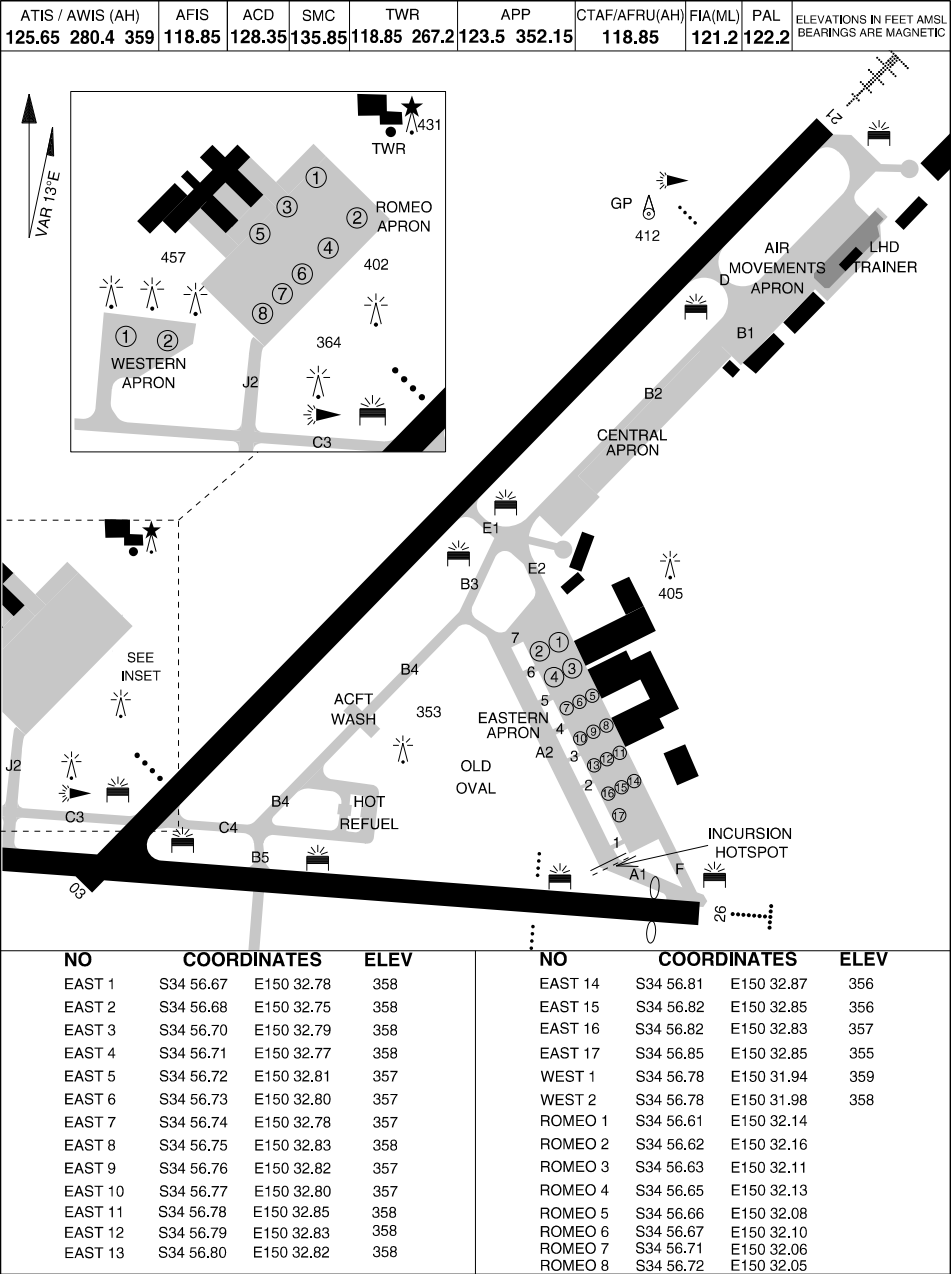
20 MAR 25

AIS-AF
MILITARY USE ONLY

NOWRA (YSNW)
AERODROME CHART

S34 56.94 E150 32.22
PANS-OPS, WGS 84

APRON CHART
NOWRA (YSNW)



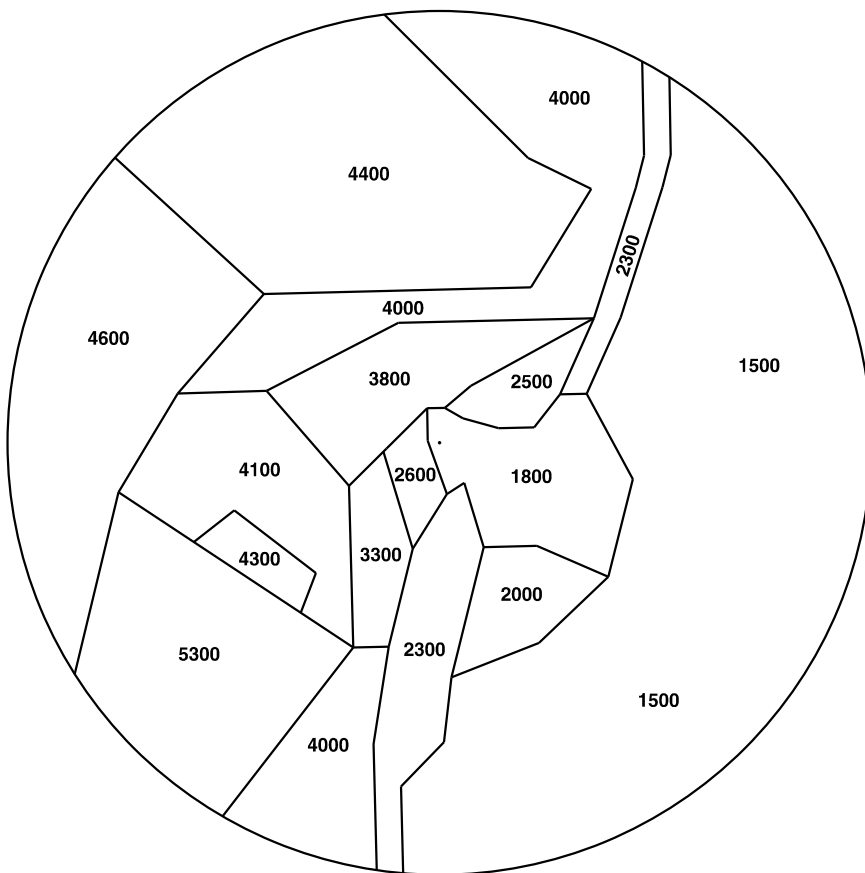
CHANGES: EASTERN APRON CHART NUMBERING, PARKING PSN COORDS AND ELEV

07 SEP 23

NOWRA (YSNW)
APRON CHART

ATC USE ONLY

RTCC
NOWRA (YSNW)



NOTE: 1. RTCC CENTRED ON THE RADAR HEAD.
2. RANGE 40NM.

ATC USE ONLY

CHANGES: EDITORIAL.

12 JUN 25

AIS-AF
MILITARY USE ONLY

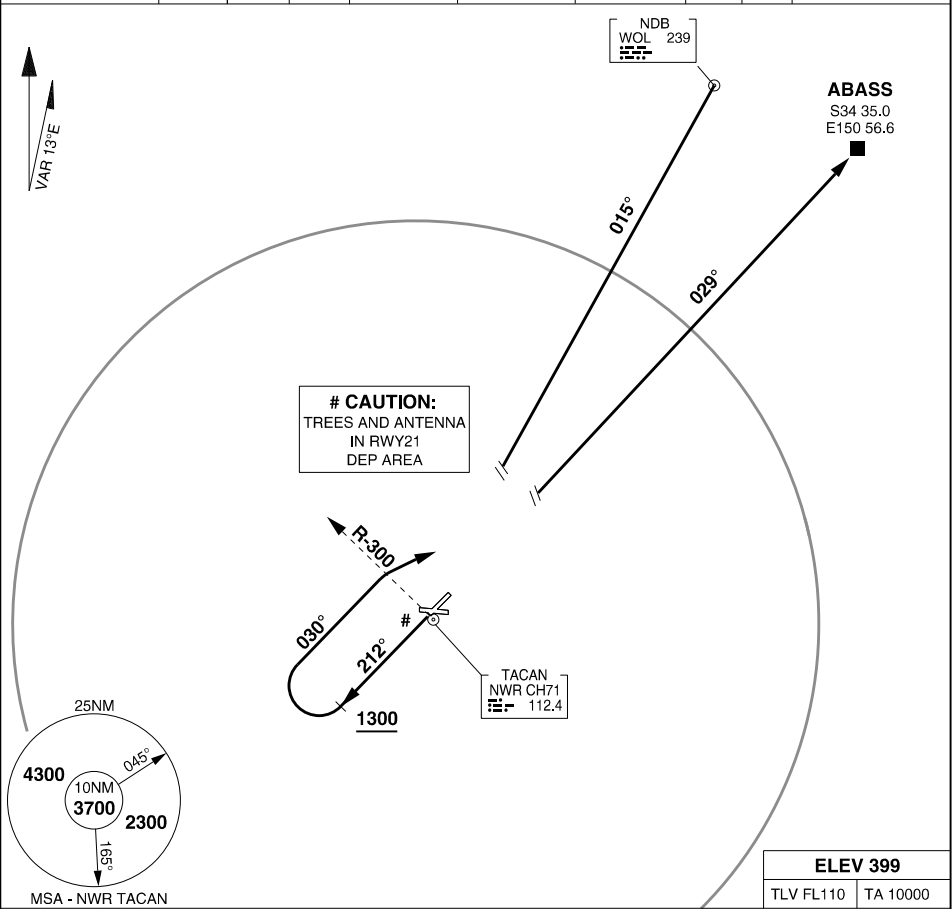
NOWRA (YSNW)
RTCC

S34 56.94 E150 32.22
PANS-OPS, WGS 84

MILITARY USE ONLY

SID NORTH RWY 21
NOWRA (YSNW)

ATIS / AWIS (AH)	AFIS	ACD	SMC	TWR	APP	CTAF/AFRU(AH)	FIA(ML)	PAL	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
125.65 280.4 359	118.85	128.35	135.85	118.85 267.2	123.5 352.15	118.85	121.2	122.2	



WOLLONGONG (WOL) FIVE TANGO DEPARTURE
ABASS FIVE TANGO DEPARTURE

- GRAD 4.3% TO 1300FT THEN 3.3%
- TRACK 212°
- AT 1300FT BUT NOT BEFORE DER TURN RIGHT,
- TRACK 030°
- AFTER CROSSING NWR R-300, TURN RIGHT
- INTERCEPT CLEARED ROUTE

CHANGES: NEW PROCEDURE
12 JUN 25

MILITARY USE ONLY
AIS-AF

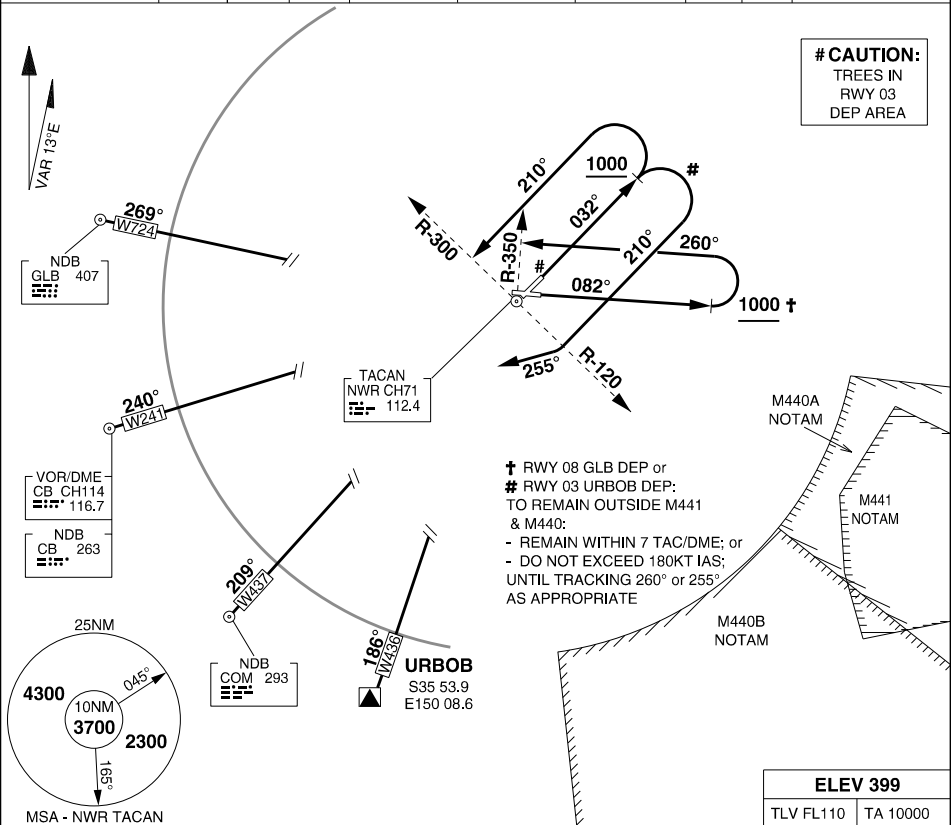
NOWRA (YSNW)
SID NORTH RWY 21

S34 56.94 E150 32.22
PANS-OPS, WGS 84

SID SOUTH & WEST RWYS 03/08
NOWRA (YSNW)

MILITARY USE ONLY

ATIS / AWIS (AH)	AFIS	ACD	SMC	TWR	APP	CTAF/AFRU(AH)	FIA(ML)	PAL	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
125.65 280.4 359	118.85	128.35	135.85	118.85 267.2	123.5 352.15	118.85	121.2	122.2	



**URBBOB THREE TANGO DEPARTURE
COOMA (COM) FIVE TANGO DEPARTURE
CANNBERRA (CB) FIVE TANGO DEPARTURE
GOULBURN (GLB) FIVE TANGO DEPARTURE**

RWY 03

- GRAD 4.8% TO 2600FT THEN 3.3% (EXC URBBOB)
- TRACK 032°
- AT 1000FT BUT NOT BEFORE DER:

FOR URBBOB #

- GRAD 3.3%
- TURN RIGHT, TRACK 210°
- AFTER CROSSING NWR R-120, TURN RIGHT
- TRACK 255° TO INTERCEPT OUTBOUND TR

FOR COM & CB

- TURN LEFT, TRACK 210°
- AFTER CROSSING NWR R-300, TURN LEFT
- INTERCEPT OUTBOUND TRACK

RWY 08 †

- GRAD 3.8% TO 2600FT THEN 3.3%
- TRACK 082°
- AT 1000FT BUT NOT BEFORE DER:

FOR GLB

- TURN LEFT, TRACK 260°
- AFTER CROSSING NWR R-350, TURN LEFT
- INTERCEPT OUTBOUND TRACK

CHANGES: NEW PROCEDURE

12 JUN 25

MILITARY USE ONLY
AIS-AF

NOWRA (YSNW)

SID SOUTH & WEST RWYS 03/08

LOC/DME INA
108.5
Chan 22

APCH CRS
212°

RWY LDG
THR ELEV 376
AD ELEV 399

ILS-X OR LOC-X RWY 21 USING NWR TACAN OR INA DME

PANS-OPS, WGS-84

NOWRA (YSNW)

1. RISING TERRAIN BTN MAPT AND RWY THR MAY CAUSE UNUSUAL RADAR ALT INDICATIONS.
2. CAUTION: GP NOT TO BE USED OUTSIDE 6° RIGHT OF CENTRELINE.

MISSED APPROACH:
TRACK 212°. CLIMB TO 4300FT.

ATIS /AWIS (AH)
125.65
280.4 359

AFIS
118.85

ACD
128.35

SMC
135.85

TWR
118.85 267.2

APP
123.5
352.15

CTAF / AFRU (AH)
118.85

FIA (ML)
121.2

PAL
122.2

ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC

GNSS PERMITTED IN LIEU OF DME REFERENCE WAYPOINT NWR TACAN

VAR 13° E

1000

2000

15 NWR S34 46.22 E150 44.89

19 NWR

12 NWR 11.1 INA

15 NWR S34 51.91 E150 49.41

19 NWR

20 NWR

DME INA CH 22 108.5

MAPT 1.1 INA 2 NWR

LOC INA 108.5

TACAN NWR CH 71 112.4

TORAG 7.1 NWR 6.1 INA

PUKEV 15 NWR S34 51.91 E150 49.41

R421B NOTAM

R421A NOTAM

M440A NOTAM

M441 NOTAM

M440B NOTAM

JERVIS BAY

MSA - NWR TACAN

4300

10NM 3700

2300

045°

165°

25NM

1018

1474

2231 2280

1985

529

212°

R-031

L-R-039

R-057

HOLDING 15 TAC R-031

MAX IAS: 210KT

TRK IN TIME MNM ALT DME LIMIT

211° 4300 19

101°

031°

281°

TRK IN TIME MNM ALT DME LIMIT

237° 4300 20

PUKEV HOLDING 15 TAC R-057

127°

057°

307°

NWR TAC	2.7	3	4	5	6	7	8	9	9.5					
INA DME	1.8	2.1	3.1	4.1	5.1	6.1	7.1	8.1	8.6					
ALTITUDE	930	1010	1330	1650	1970	2290	2610	2930	3100					

4300

TORAG 7.1 NWR 6.1 INA

12 NWR 11.1 INA

2300

212°

2100 LOC

MDA

GS 3.00° RDH 50

0.8

5.1 NM

5 NM

CATEGORY	A	B	C	D
S-ILS 21	700	324	1200m	(VIS -800 WITH ACTUAL QNH)
S-LOC 21	930	554	2400m	
CIRCLING	1320	921	2400m	1680 1281 1810 1411 4000m 5000m

TLV FL110 TA 10000

THR ELEV 376 TDZE 376

GS 3.00° RDH 50

20% DOWN

2075 x 45 (6773 x 145)

TWR 421

26

HIRL all Rwys

CHANGES: AMENDED PROCEDURE

12 JUN 25

ILS-X OR LOC-X RWY 21 USING NWR TACAN OR INA DME

106

324 554 1680 1281 1810 1411

4000m 5000m

S34 56.94 E150 32.22

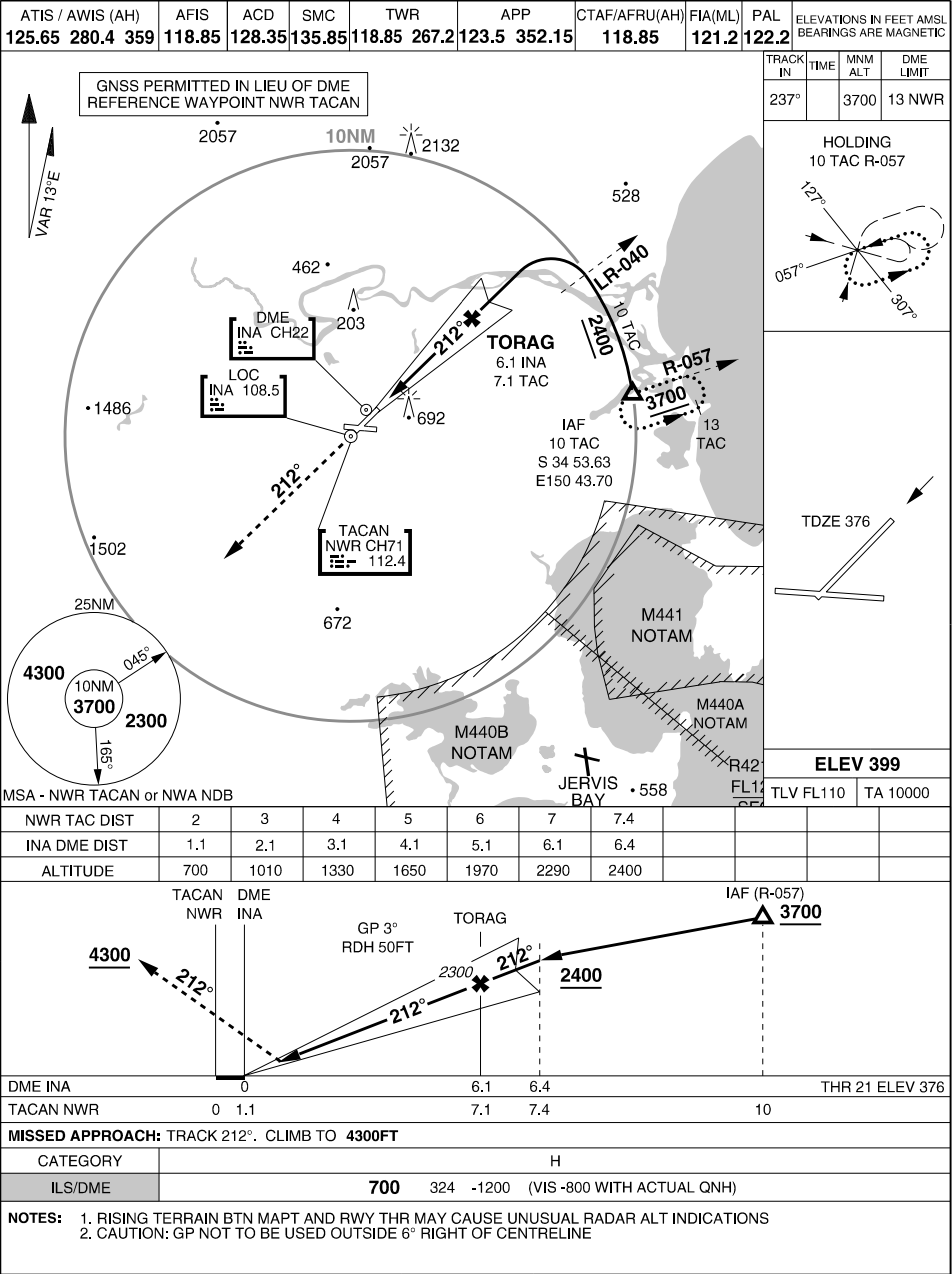
NOWRA (YSNW)

ILS-X OR LOC-X RWY 21 USING NWR TACAN OR INA DME

AIS-AF: MILITARY USE ONLY

S34 56.94 E150 32.22
PANS-OPS, WGS 84

ILS-W RWY 21 USING NWR TACAN or INA DME (CAT H)
NOWRA (YSNW)



CHANGES: AMENDED PROCEDURE

12 JUN 25

AIS-AF
MILITARY USE ONLY

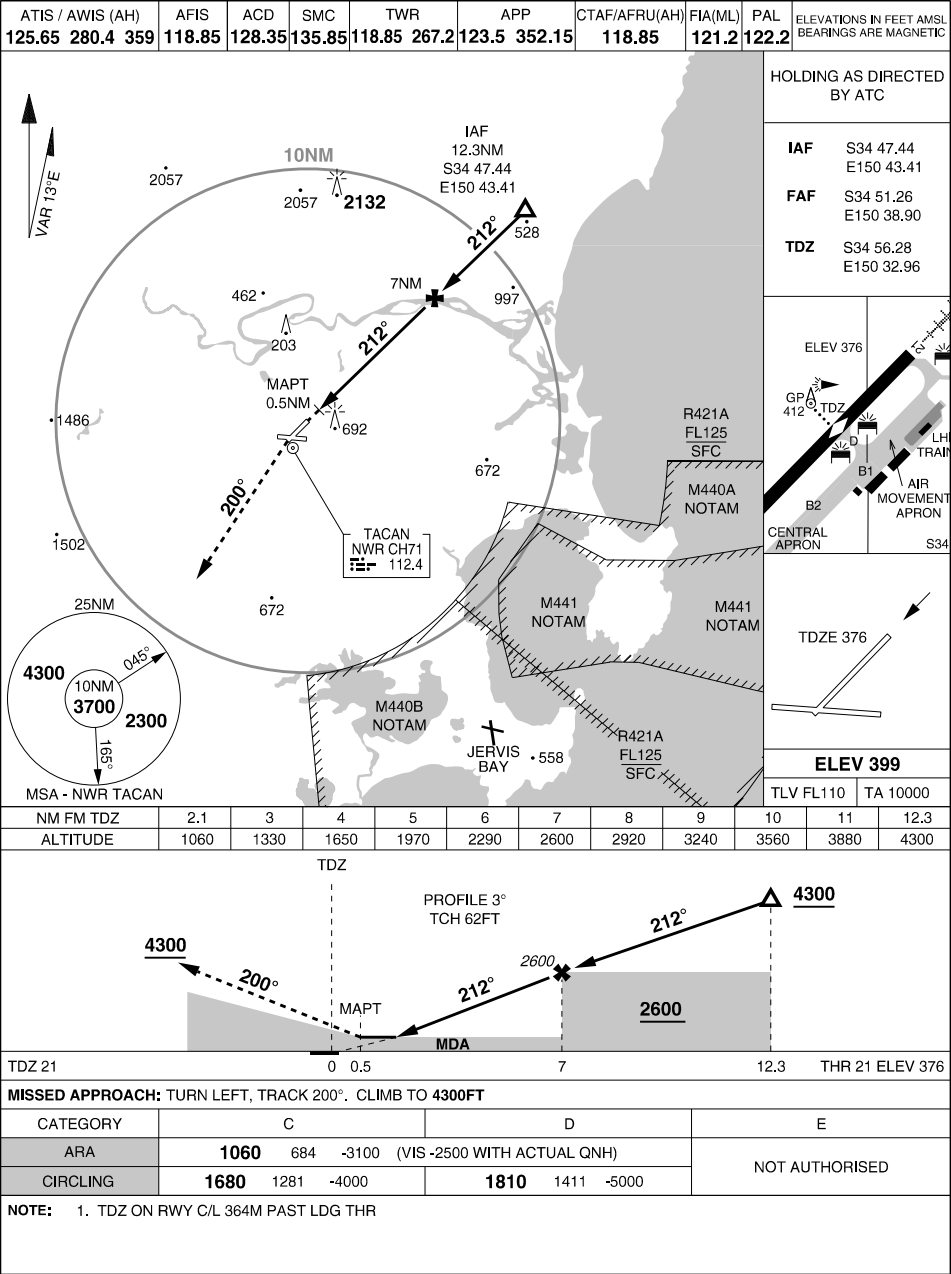
NOWRA (YSNW)

ILS-W RWY 21 USING NWR TACAN or INA DME (CAT H)

MILITARY USE ONLY

S34 56.94 E150 32.22
PANS-OPS, WGS 84, AATCP-1

ARA RWY 21
NOWRA (YSNW)



CHANGES: RWY END DIAGRAM, NWR TACAN, MSA

20 MAR 25

AIS-AF
MILITARY USE ONLY

NOWRA (YSNW)
ARA RWY 21

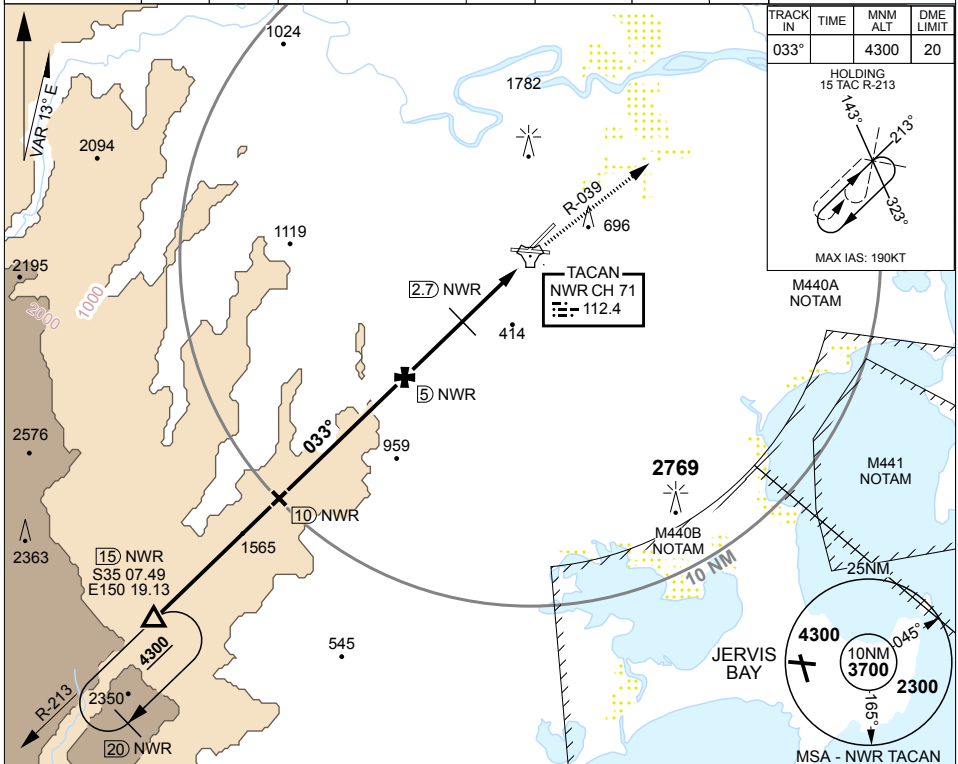
TACAN NWR Chan 71	APCH CRS 033°	RWY LDG THR ELEV AD ELEV	6713 357 399
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PANS-OPS, WGS-84

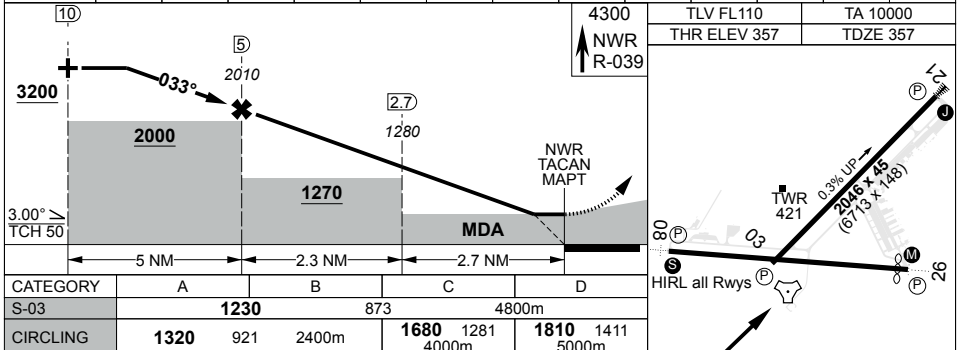
TACAN RWY 03 NOWRA (YSNW)

1. MAX IAS HOLDING: 190KT.	MISSED APPROACH: TRACK TACAN R-039, CLIMB TO 4300FT.
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ATIS /AWIS (AH) 125.65 280.4 359	AFIS 118.85	ACD 128.35	SMC 135.85	TWR 118.85 267.2	APP 123.5 352.15	CTAF / AFRU (AH) 118.85	FIA (ML) 121.2	PAL 122.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NWR TAC	8.7	8	7	6	5	4	3	2.5											
ALTITUDE	3200	2970	2650	2330	2010	1690	1370	1230											



CATEGORY	A	B	C	D
S-03	1230	873	4800m	
CIRCLING	1320	921	2400m	1680 1281 1810 1411 5000m

CHANGES: EDITORIAL S34 56.94 E150 32.22

12 JUN 25

109

AIS-AF
MILITARY USE ONLY

NOWRA (YSNW)
TACAN RWY 03

TACAN-Z RWY 26 NOWRA (YSNW)

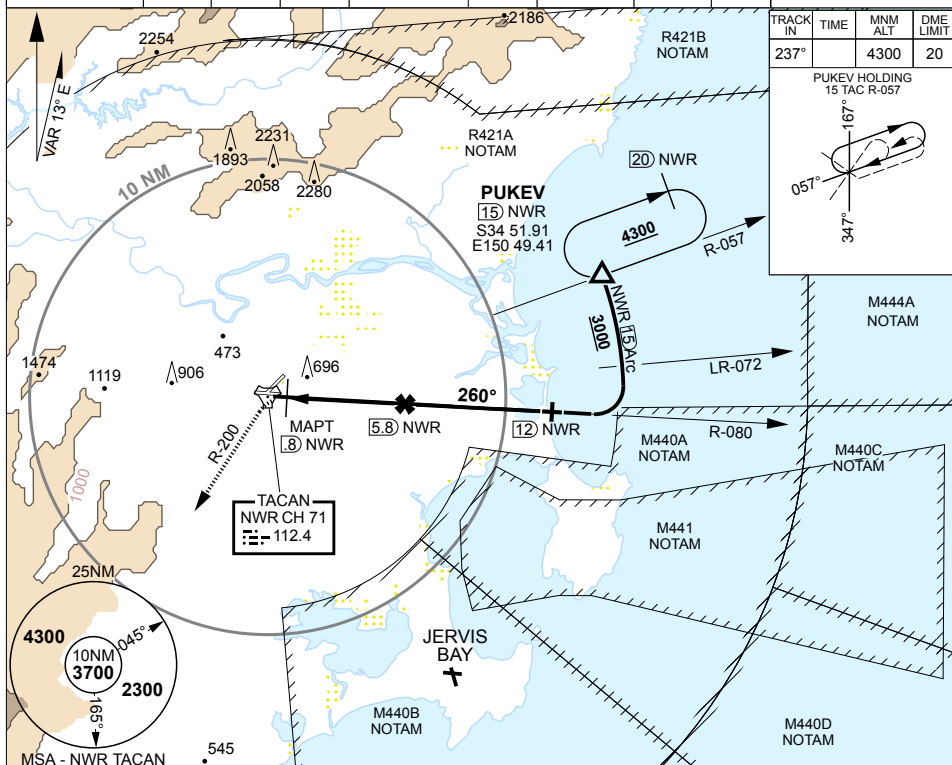
TACAN NWR Chan 71	APCH CRS 260°	RWY LDG THR ELEV AD ELEV	6571 359 399
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PANS-OPS, WGS-84

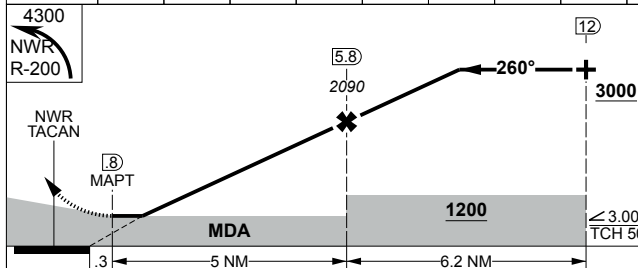


MISSED APPROACH:
TURN LEFT, TRACK R-200, CLIMB TO 4300FT.

ATIS /AWIS (AH) 125.65 280.4 359	AFIS 118.85	ACD 128.35	SMC 135.85	TWR 118.85 267.2	APP 123.5 352.15	CTAF / AFRU (AH) 118.85	FIA (ML) 121.2	PAL 122.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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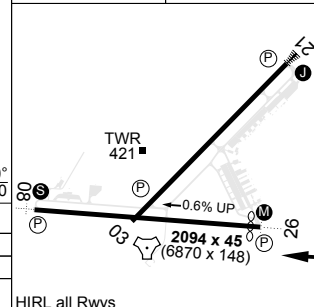


NWR TAC	2.2	3	4	5	6	7	8	8.6											
ALTITUDE	950	1200	1520	1840	2160	2480	2790	3000											



CATEGORY	A	B	C	D
S-26	950	591	3000m	(VIS -2400 WITH ACTUAL QNH)
CIRCLING	1320	921	2400m	1680 1281 4000m 5000m

TLV FL110	TA 10000
THR ELEV 359	TDZE 359



CHANGES: EDITORIAL

S34 56.94 E150 32.22

12 JUN 25

AIS-AF
MILITARY USE ONLY

**NOWRA (YSNW)
TACAN-Z RWY 26**

TACAN-Y RWY 26 NOWRA (YSNW)

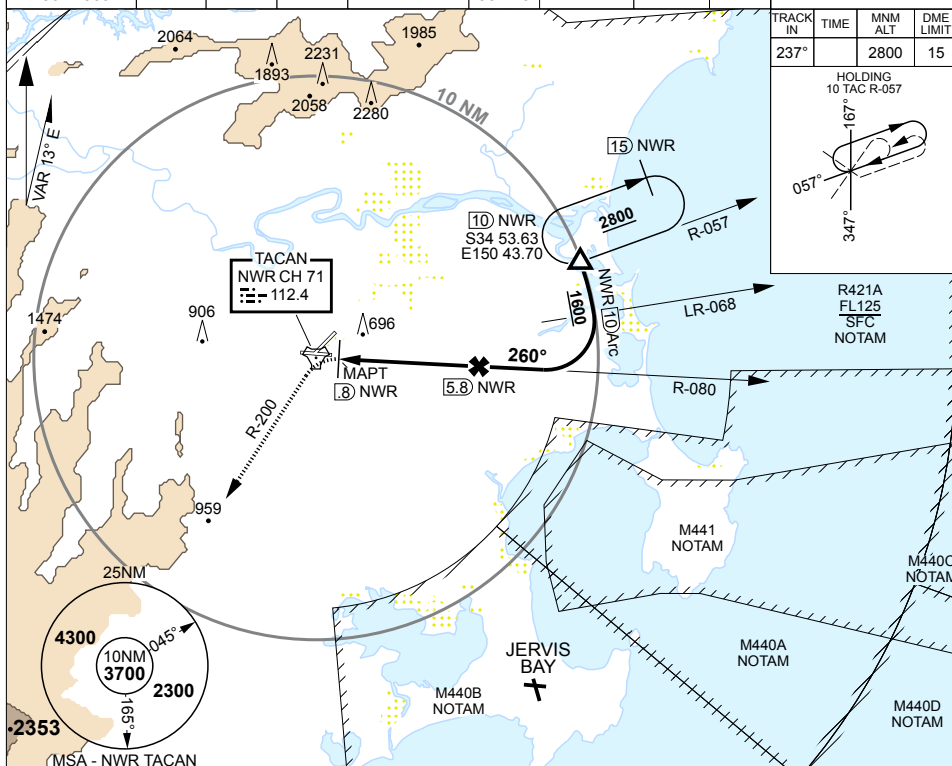
TACAN NWR Chan 71	APCH CRS 260°	RWY LDG THR ELEV AD ELEV	6571 359 399
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PANS-OPS, WGS-84

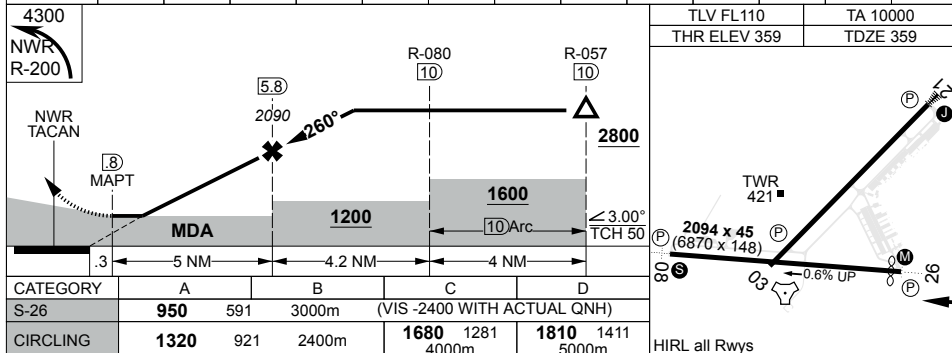


MISSED APPROACH:
TURN LEFT, TRACK R-200, CLIMB TO 4300FT.

ATIS/AWIS(AH) 125.65 280.4 359	AFIS 118.85	ACD 128.35	SMC 135.85	TWR 118.85 267.2	APP 123.5 352.15	CTAF/ AFRU(AH) 118.85	FIA(ML) 121.2	PAL 122.2	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NWR TAC	2.2	3	4	5	6	7	8								
ALTITUDE	950	1200	1520	1840	2160	2480	2800								



CHANGES: AMENDED PROCEDURE

12 JUN 25

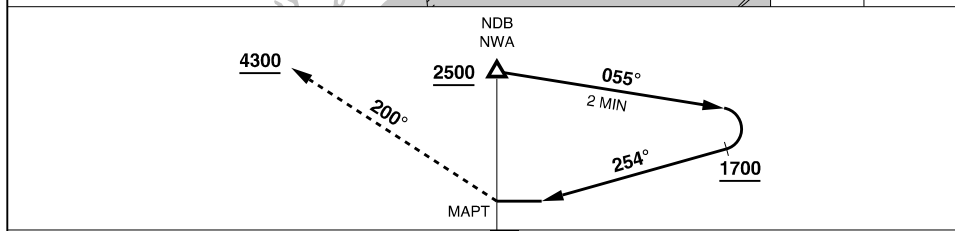
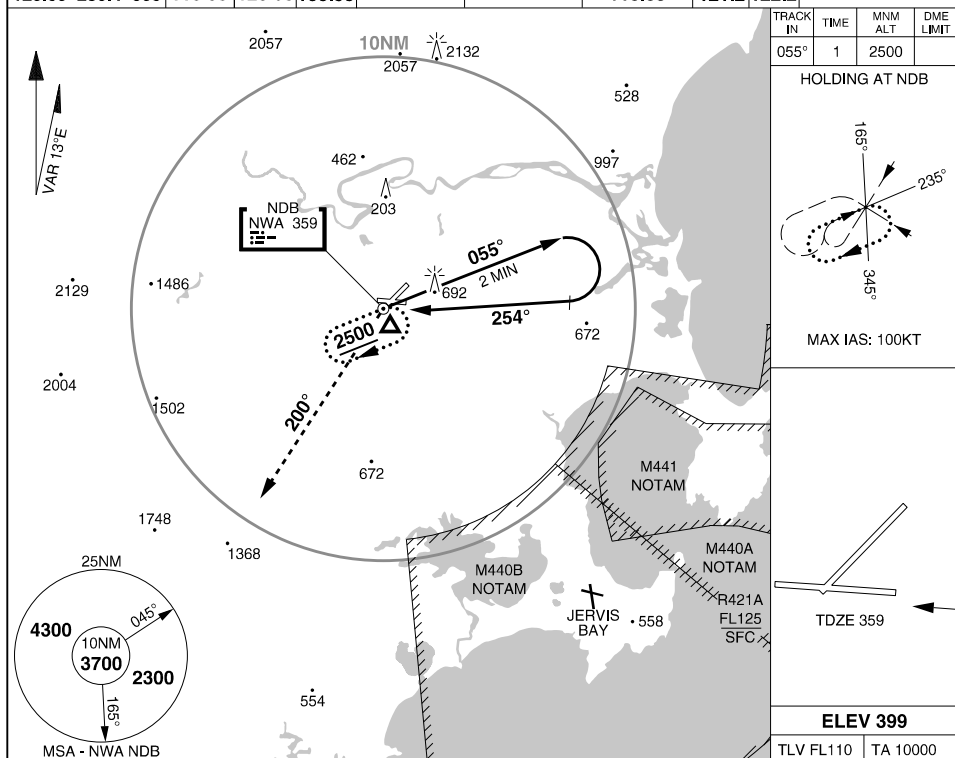
S34 56.94 E150 32.22

AIS-AF
MILITARY USE ONLY

**NOWRA (YSNW)
TACAN-Y RWY 26**

NDB RWY 26 (CAT H)
NOWRA (YSNW)

ATIS / AWIS (AH)	AFIS	ACD	SMC	TWR	APP	CTAF/AFRU(AH)	FIA(ML)	PAL	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
125.65 280.4 359	118.85	128.35	135.85	118.85 267.2	123.5 352.15	118.85	121.2	122.2	



THR 26 ELEV 359

CATEGORY	H		
S-I NDB	1090	731	-4000

NOTE: MAX IAS REVERSAL: 100KT

30 NOV 23

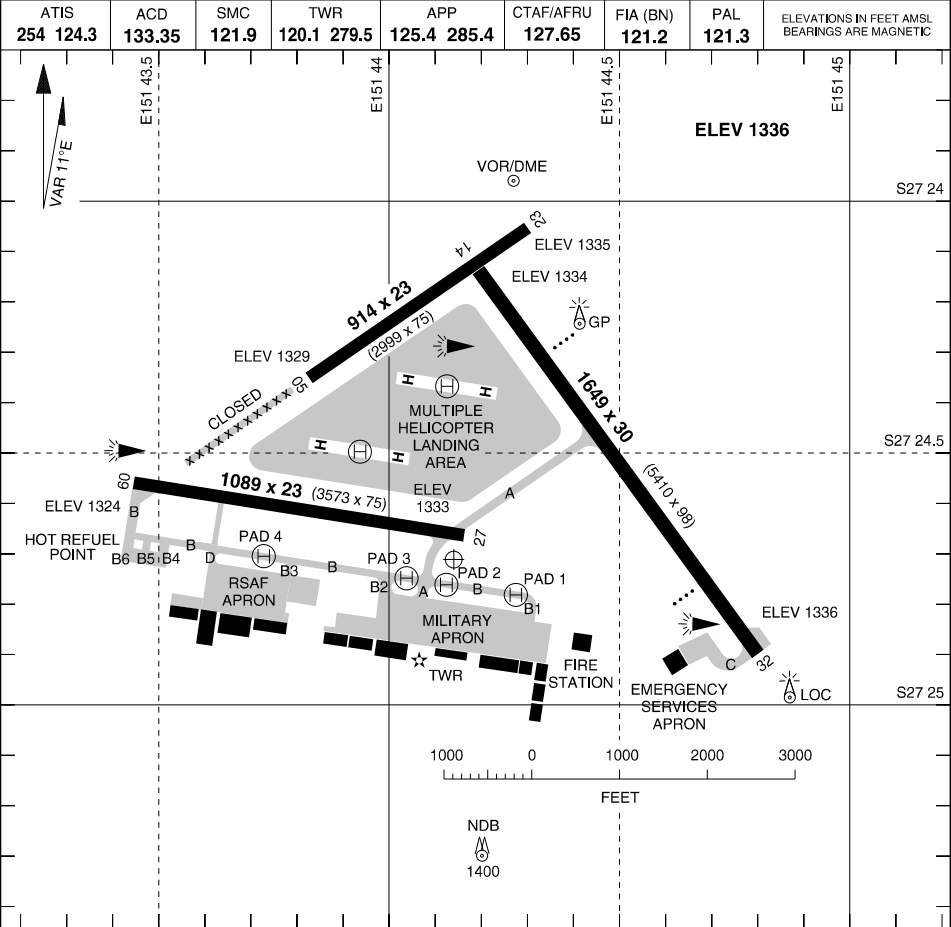
AIS-AF
MILITARY USE ONLY

NOWRA (YSNW)
NDB RWY 26 (CAT H)

MILITARY USE ONLY

S27 24.69 E151 44.12
PANS-OPS, WGS 84

AERODROME CHART
OAKEY (YBOK)



LIGHTING				ILLUMINATED WIND INDICATORS TAXIWAY: SIDELINE BLUE AND CENTRELIN GREEN OBSTRUCTION PAL 121.3
RWY	APPROACH	THR	RUNWAY	
14 (135°)	PAPI (6) (LEFT SIDE) 3.00° 48FT	GREEN	REDL MIRL (3)	NOTES 1.RWY 23, 27 AND 32 - RIGHT CIRCUIT 2.RWY 09/27 NOT AVBL TO ACFT ABOVE 22700KG. 3.MULTIPLE HEL OPS AIRFIELD CENTRE.
32 (315°)		GREEN		
05 (044°)	NIL	NIL	NIL	
23 (224°)	NIL	NIL		
09 (089°)	NIL	GREEN	REDL MIRL (3)	
27 (269°)	NIL	GREEN		
SDBY PWR AVBL				

CHANGES: ABN REINSTATED

05 SEP 24

AIS-AF

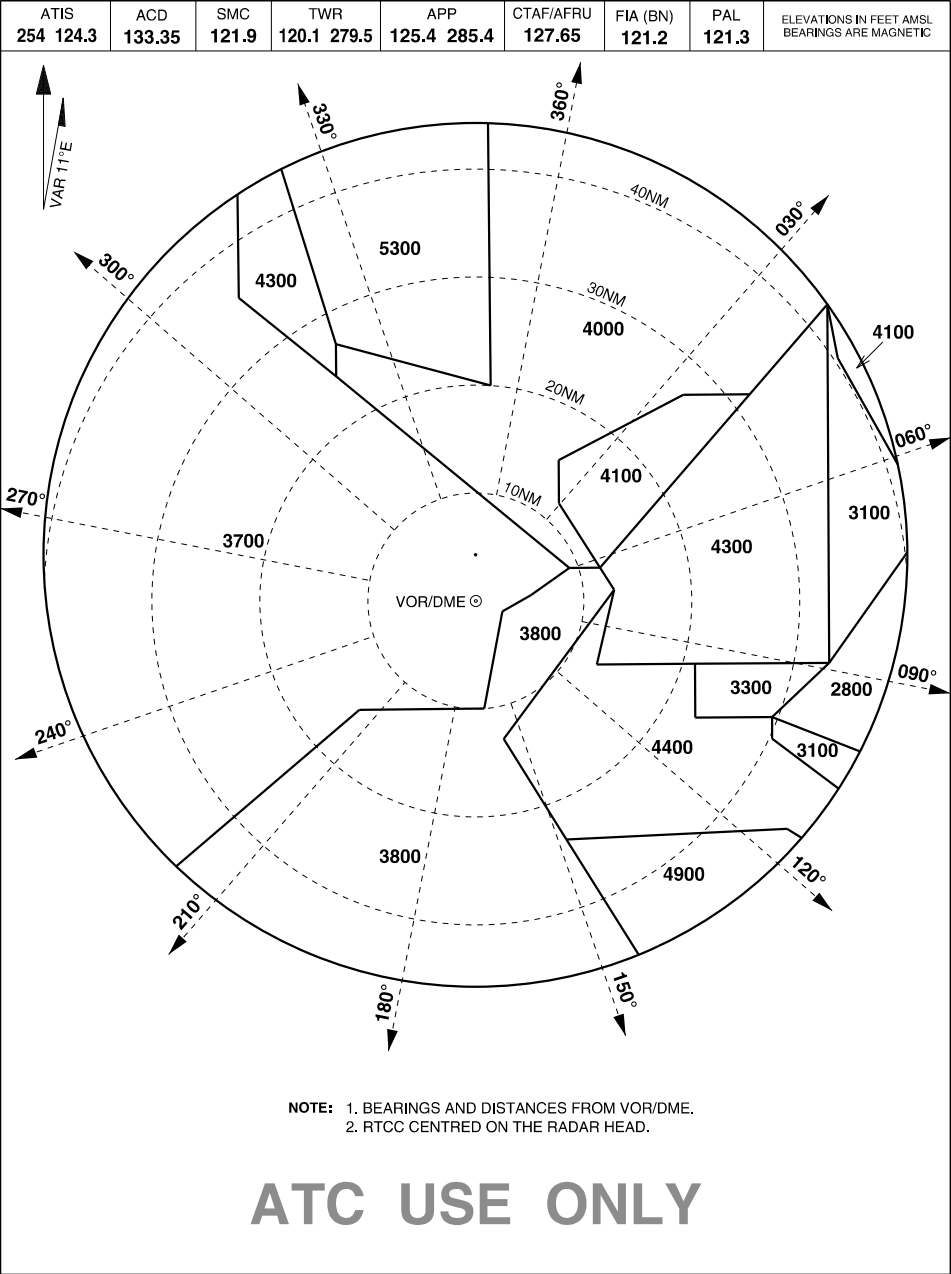
MILITARY USE ONLY

OAKEY (YBOK)
AERODROME CHART

MILITARY USE ONLY

ATC USE ONLY

RTCC
OAKEY (YBOK)



CHANGES: REMOVED TFC FREQ
13 JUN 24

AIS-AF

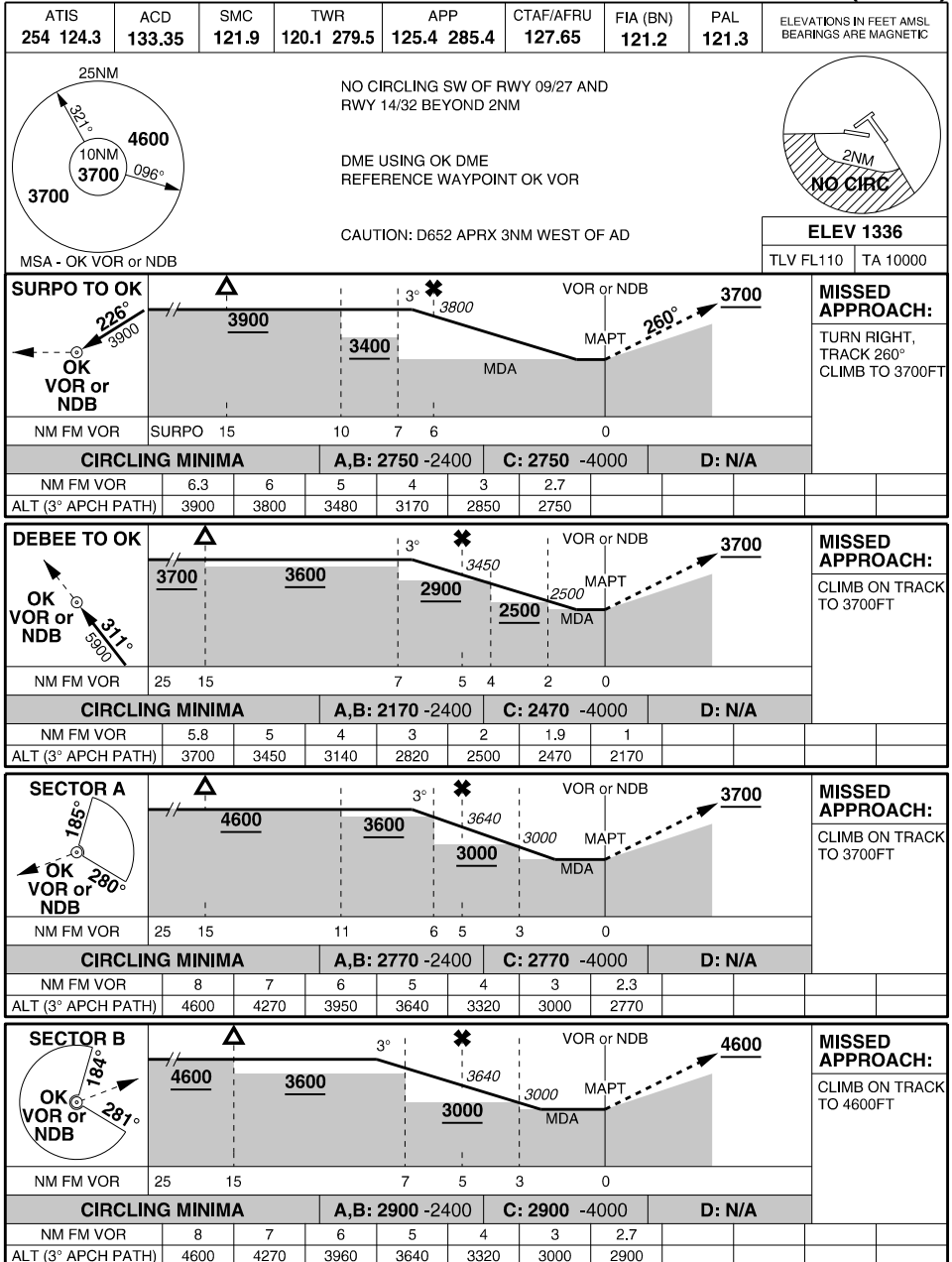
OAKEY (YBOK)
RTCC

MILITARY USE ONLY

MILITARY USE ONLY

DME or GNSS ARRIVAL
OAKY (YBOK)

S27 24.69 E151 44.12
PANS-OPS, WGS 84



CHANGES: REMOVED TFC FREQ

AIS-AF

OAKY (YBOK)

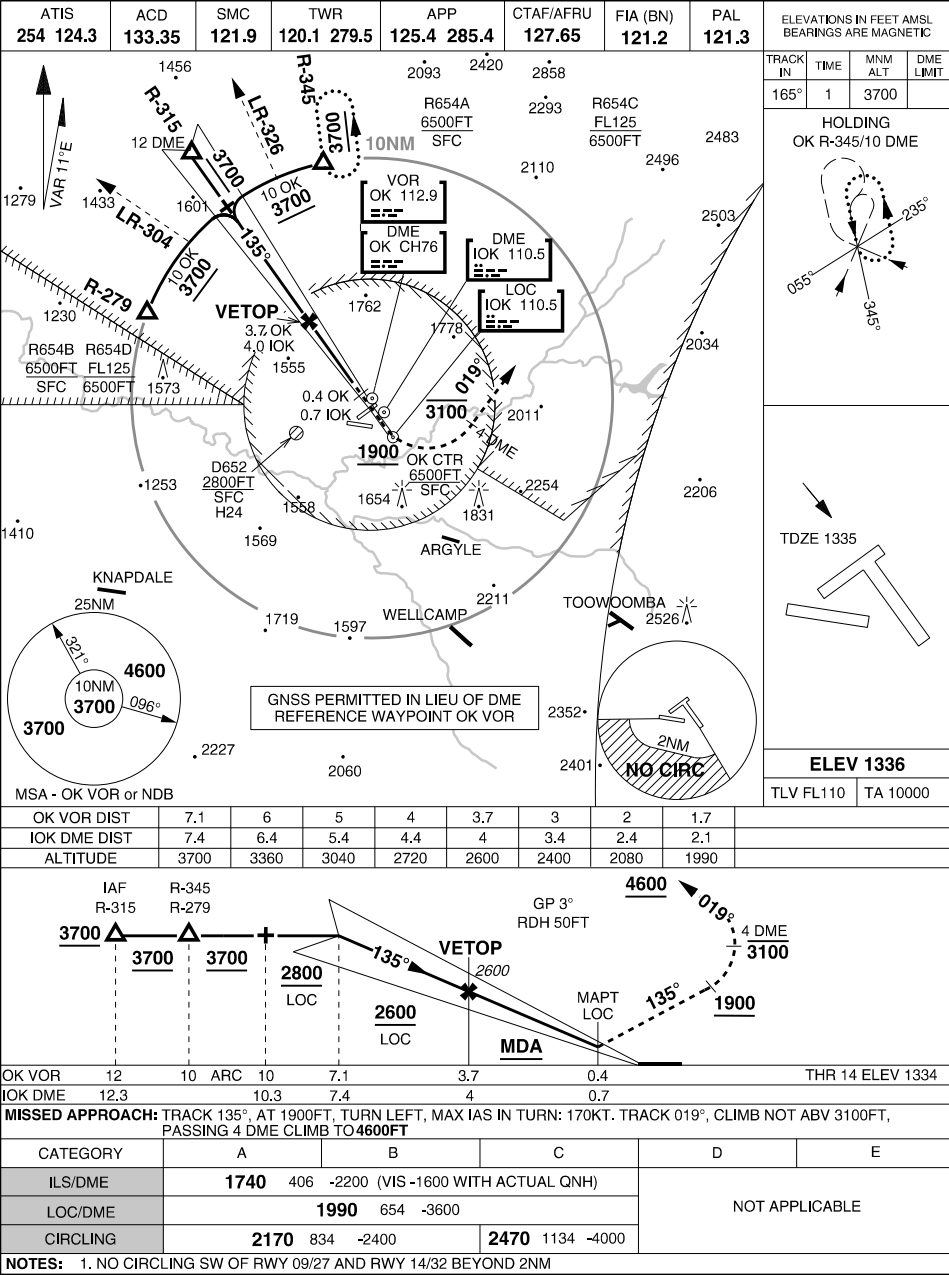
13 JUN 24

MILITARY USE ONLY

DME or GNSS ARRIVAL

S27 24.69 E151 44.12
PANS-OPS, WGS 84

ILS-Y or LOC-Y RWY 14 USING OK VOR or IOK DME
MILITARY USE ONLY
OAKY (YBOK)



PANS-OPS, WGS-84

1. NO CIRCLING SW OF RWY 09/27 AND RWY 14/32 BEYOND 2NM.

MISSED APPROACH:
TURN LEFT, MAX IAS IN TURN: 170KT. TRACK 020°, ABOVE 3100FT. PASSING 4 DME CLIMB TO **4600FT.**

[illegible]

CATEGORY	A	B	C	D
S-14	1930	594	3400m	NA
CIRCLING	2170	834	2400m	NA

MIRL Rws 09-27, 14-32

CHANGES: REMOVED TFC FREQ

S27	24.69	E151	44.12
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13 JUN 24

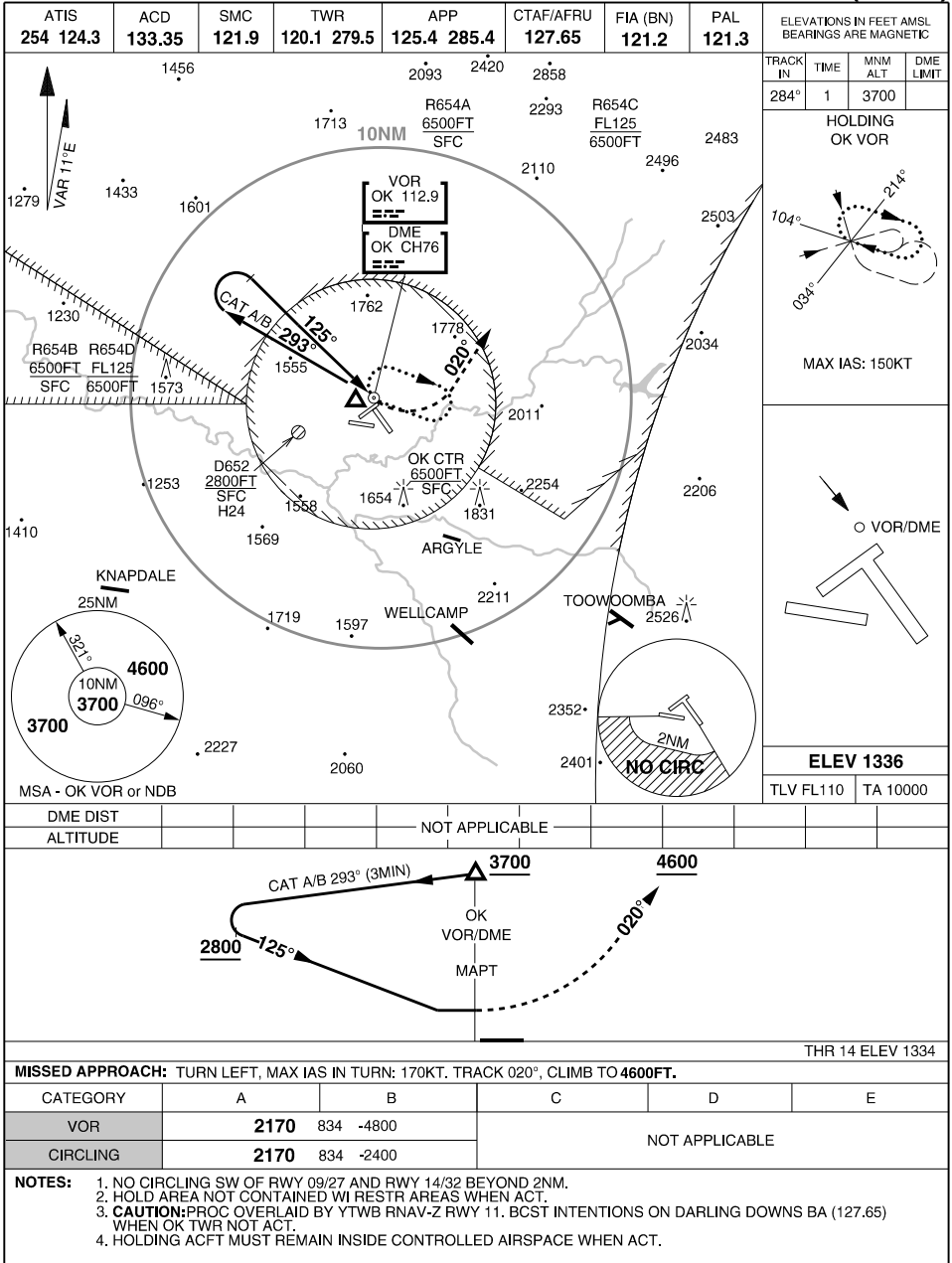
OAKEY (YBOK)

AIS-AF
MILITARY USE ONLY **VOR-Z RWY 14 (CAT A,B,C)**

MILITARY USE ONLY

S27 24.69 E151 44.12
PANS-OPS, WGS 84

VOR-Y RWY 14 (CAT A,B)
OAKLEY (YBOK)

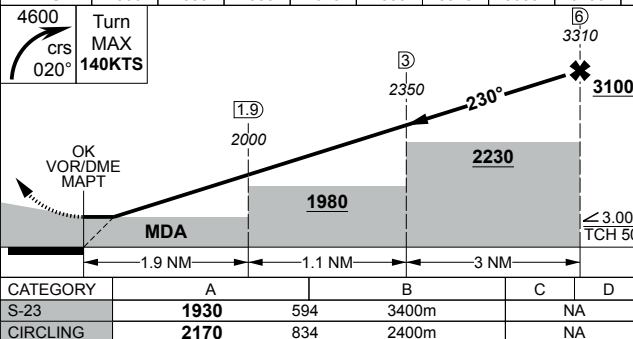


PANS-OPS, WGS-84

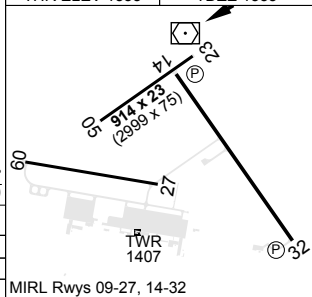
VOR RWY 23 (CAT A,B)
OAKLEY (YBOK)

1. NO CIRCLING SW OF RWY 09/27 AND RWY 14/32 BEYOND 2NM.

MISSED APPROACH:
TURN RIGHT. MAX IAS IN TURN: 140KT. TRACK 020°. CLIMB TO **4600FT.**

[illegible][illegible]

TLV FL110	TA 10000
THR ELEV 1335	TDZE 1335



CHANGES: REMOVED TFC FREQ

S27 24.69 E151 44.12

13 JUN 24

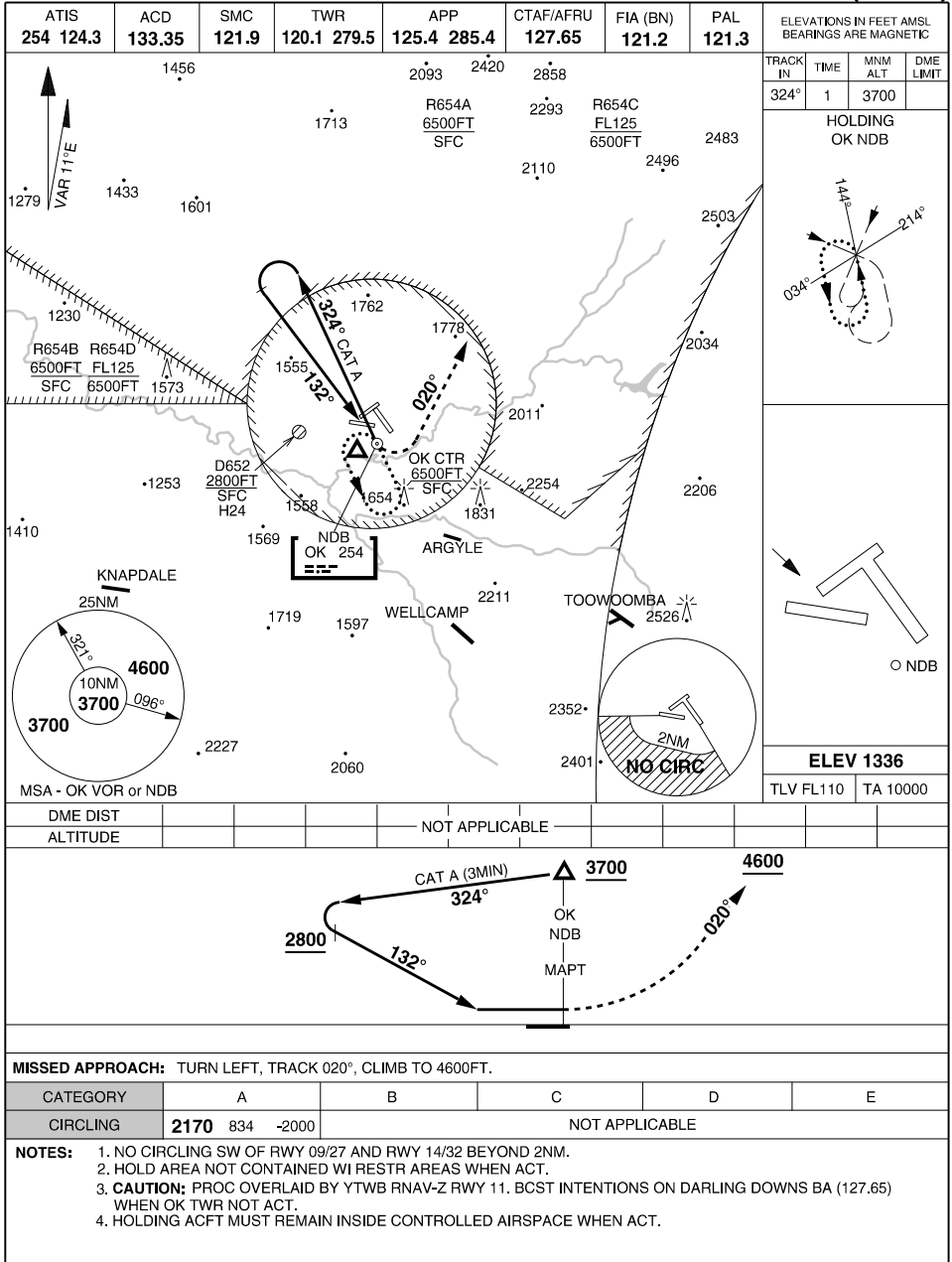
AIS-AF
MILITARY USE ONLY

9 E151 44.12 **OAKY (YBOK)**
VOR RWY 23 (CAT A,B)

MILITARY USE ONLY

S27 24.69 E151 44.12
PANS-OPS, WGS 84

NDB-A (CAT A)
OAKLEY (YBOK)



CHANGES: REMOVED TFC FREQ

13 JUN 24

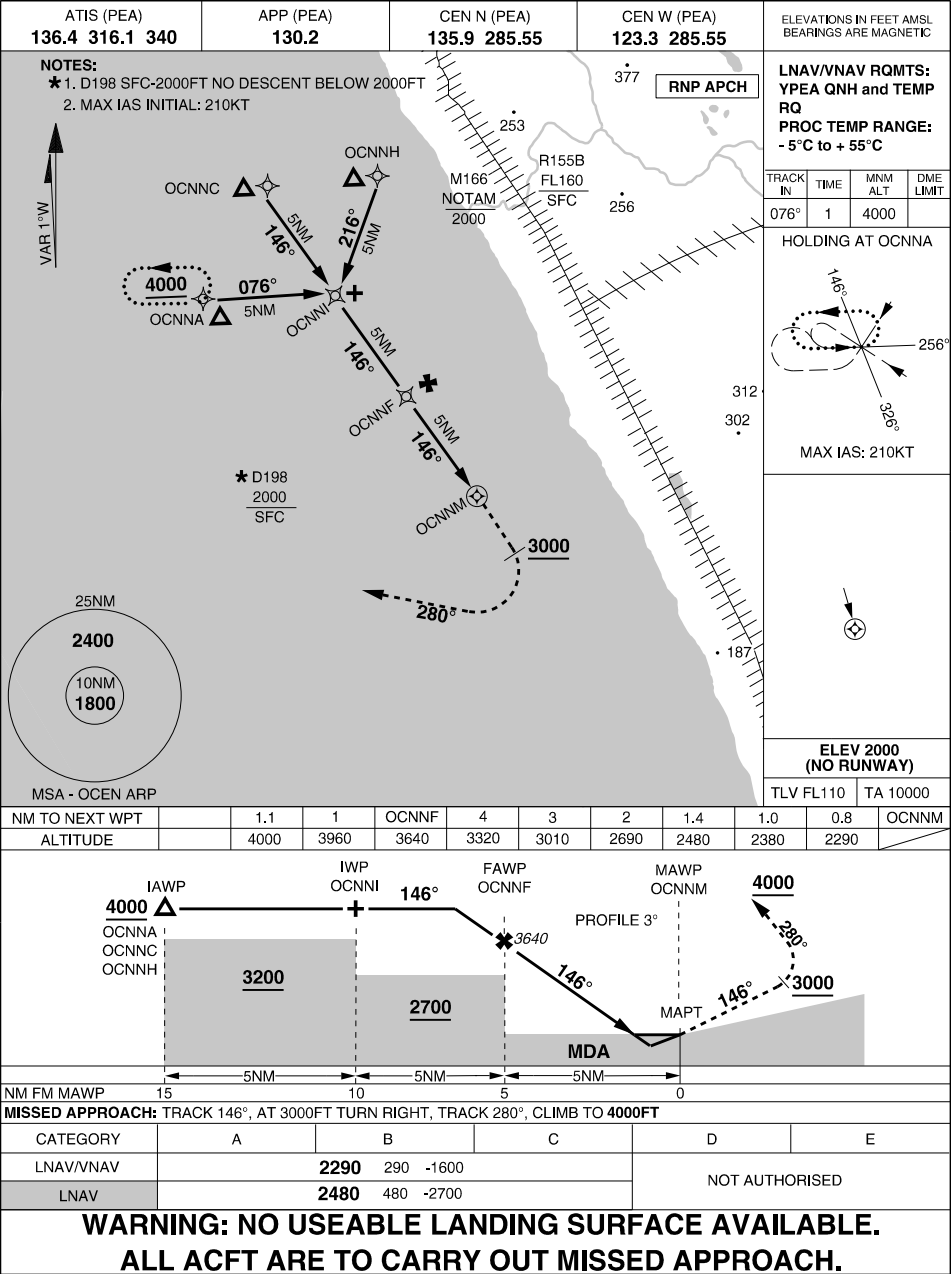
AIS-AF

MILITARY USE ONLY

OAKLEY (YBOK)
NDB-A (CAT A)

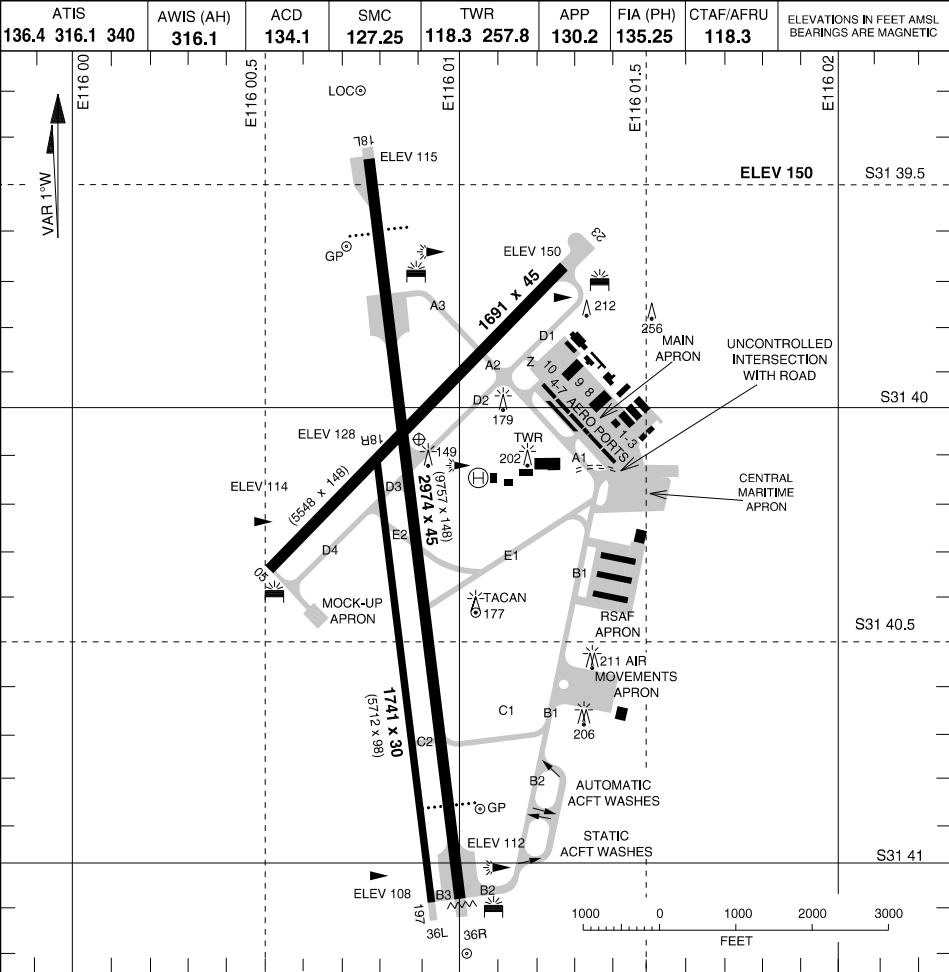
MILITARY USE ONLY

RNP-O (CAT A,B,C)
OCEAN (OCEN)



S31 40.06 E116 00.90
PANS-OPS, WGS 84

AERODROME CHART
PEARCE (YPEA)



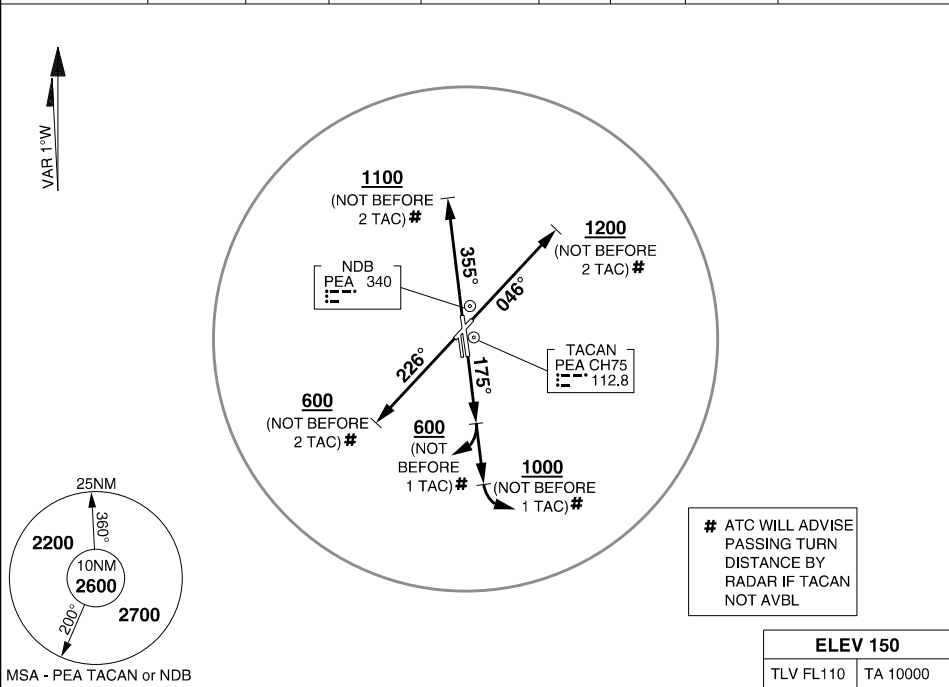
LIGHTING				NOTES RWY 18 & 23 - RIGHT CIRCUIT CAUTION CONTINUOUS HEL OPS
RWY	APPROACH	THR	RUNWAY	
18L (175°)	PAPI (6) - 3.00° 47FT	GREEN	MIRL (3)	
36R (355°)	PAPI (6) - 3.00° 68FT			
18R (175°)	NIL	NIL	NIL	
36L (355°)				
05 (046°)	NIL	GREEN	MIRL (3)	
23 (226°)				
TAXIWAY: A,B,C,D AND Z - CENTRELINE LIGHTING, E,C2,B3 - UNLIT OBSTRUCTION & HAZARD BEACONS EMERGENCY: PORTABLE ELECTRIC LIGHTING ON 15 MIN NOTICE SDBY PWR AVBL				

CHANGES: RWY 18L GP, PAPI, WDI, DTHR. RWY 18L/36R THR ELEV, A-GEAR.

20 MAR 25

SID (RADAR) RWYS 05, 18L, 23 & 36R
MILITARY USE ONLY
PEARCE (YPEA)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	FIA (PH)	CTAF/AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	134.1	127.25	118.3 257.8	130.2	135.25	118.3	



PEARCE SIX DEPARTURE

RWY 05

- GRAD 7.9% TO 900FT THEN 3.3%
- TRACK 046°
- AT 1200FT BUT NOT BEFORE 2 TACAN # TURN TO ASSIGNED HDG OR TRACK

RWY 23

- GRAD 4.3% TO 1000FT THEN 3.3%
- TRACK 226°
- AT 600FT BUT NOT BEFORE 2 TACAN # TURN TO ASSIGNED HDG OR TRACK

RWY 18L EAST

- GRAD 4.8% TO 1200FT THEN 3.3%
- TRACK 175°
- AT 1000FT BUT NOT BEFORE 1 TACAN # TURN EAST TO ASSIGNED HDG OR TRACK

RWY 18L WEST

- GRAD 4.8% TO 600FT THEN 3.3%
 - TRACK 175°
 - AT 600FT BUT NOT BEFORE 1 TACAN # TURN WEST TO ASSIGNED HDG OR TRACK
- REQUIREMENT** - EST IN TURN NO LATER THAN 2 TACAN TO AVOID PH CTA

RWY 36R

- GRAD 4.7% TO 1100FT THEN 3.3%
- TRACK 355°
- AT 1100FT BUT NOT BEFORE 2 TACAN # TURN TO ASSIGNED HDG OR TRACK

COMMUNICATIONS FAILURE PROCEDURE

ON RECOGNITION OF COMMUNICATIONS FAILURE:

- SQUAWK 7600
- MAINTAIN LAST ASSIGNED VECTOR FOR TWO MINUTES; AND
- **CLIMB IF NECESSARY TO MINIMUM SAFE ALTITUDE** TO MAINTAIN TERRAIN CLEARANCE; THEN
- PROCEED IN ACCORDANCE WITH THE LATEST ATC ROUTE CLEARANCE ACKNOWLEDGED

CHANGES: MSA, RWY 36R GRAD, VALIDITY INDICATOR

12 JUN 25

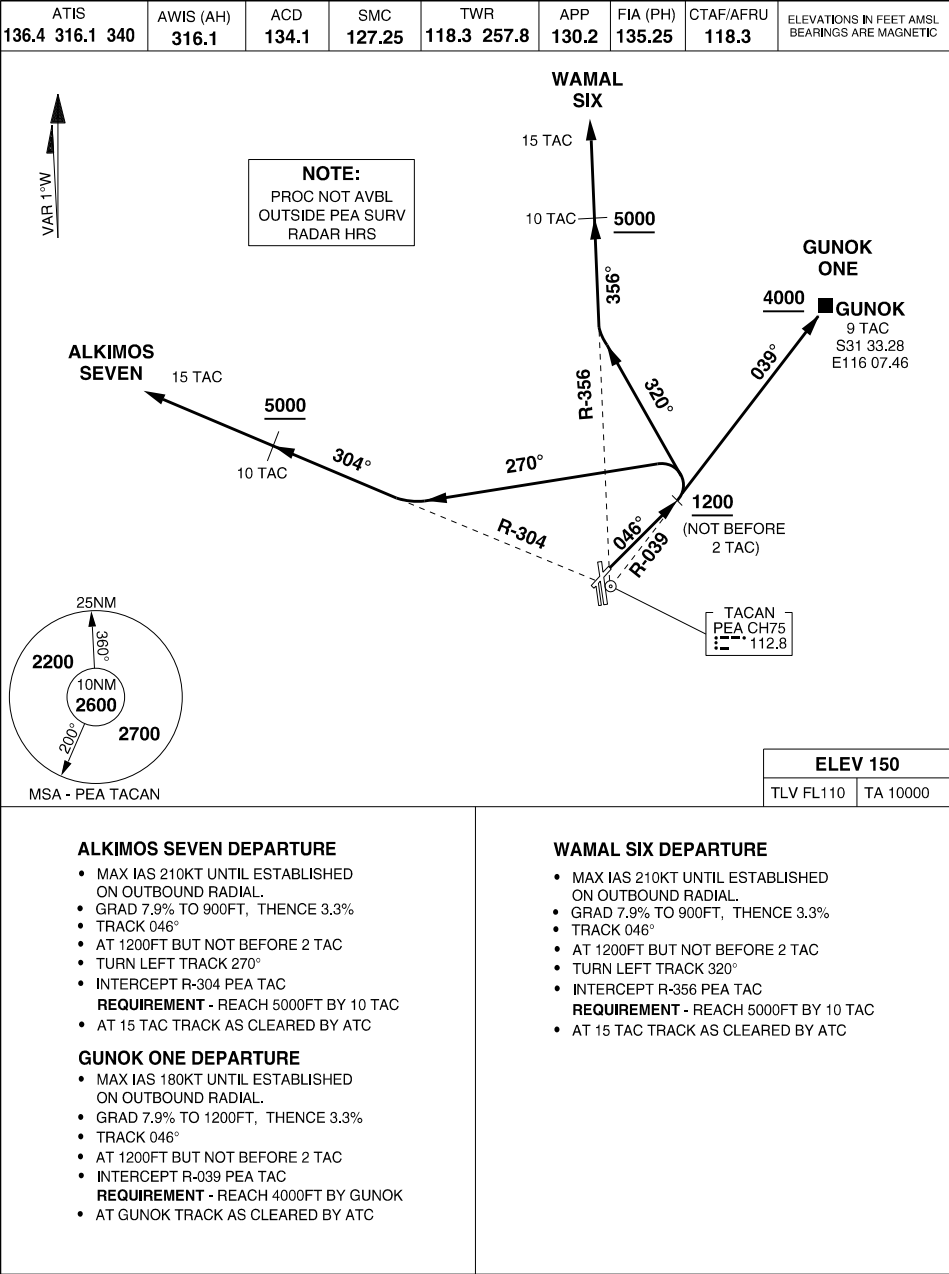
AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)

SID (RADAR) RWYS 05, 18L, 23 & 36R

S31 40.06 E116 00.90
PANS-OPS, WGS 84

SID RWY 05 (CAT A, B, C)
PEARCE (YPEA)

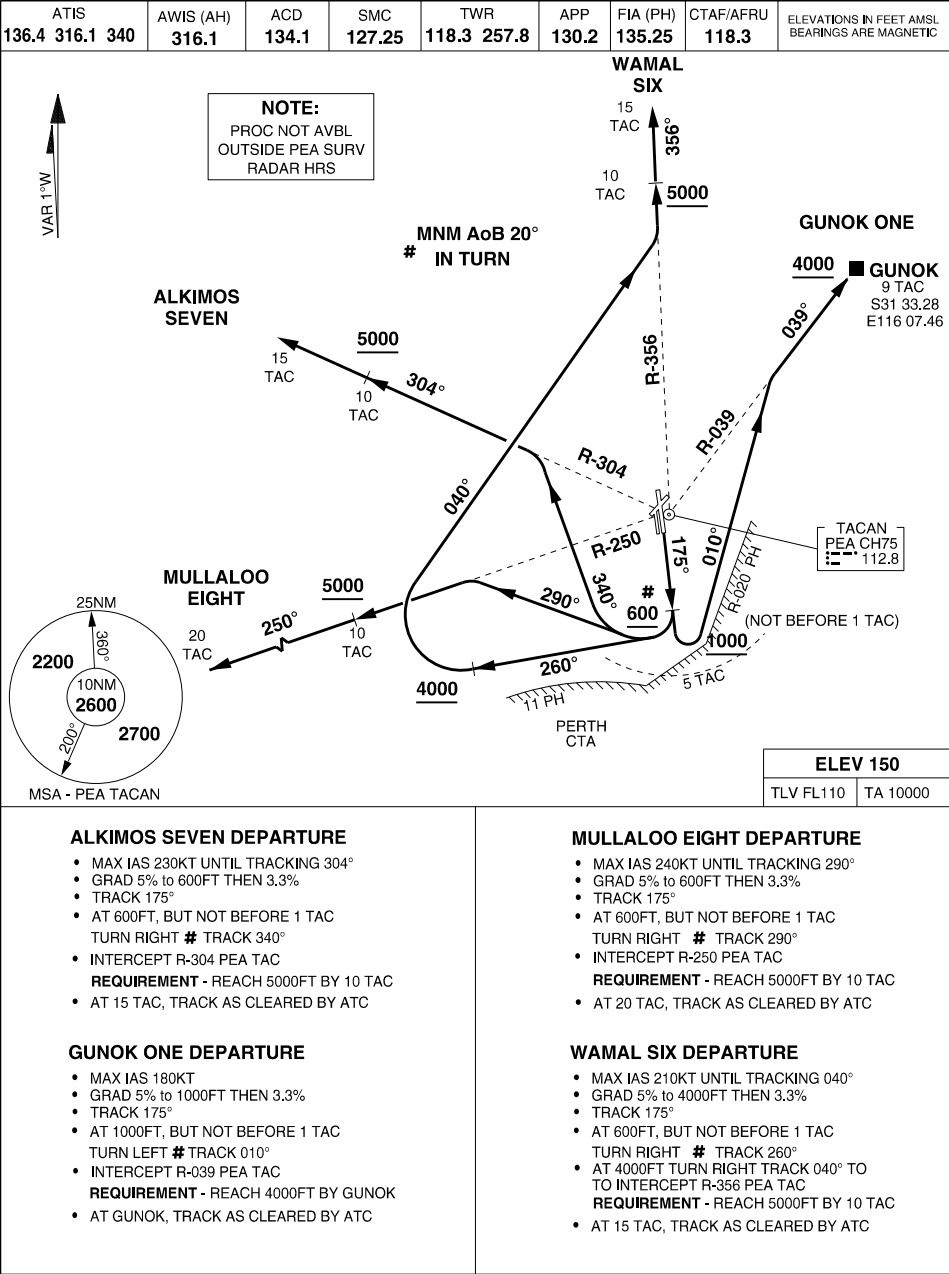


CHANGES: MSA
12 JUN 25

MILITARY USE ONLY

SID RWY 18L (CAT A, B, C)
PEARCE (YPEA)

S31 40.06 E116 00.90
PANS-OPS, WGS 84



CHANGES: MSA
12 JUN 25

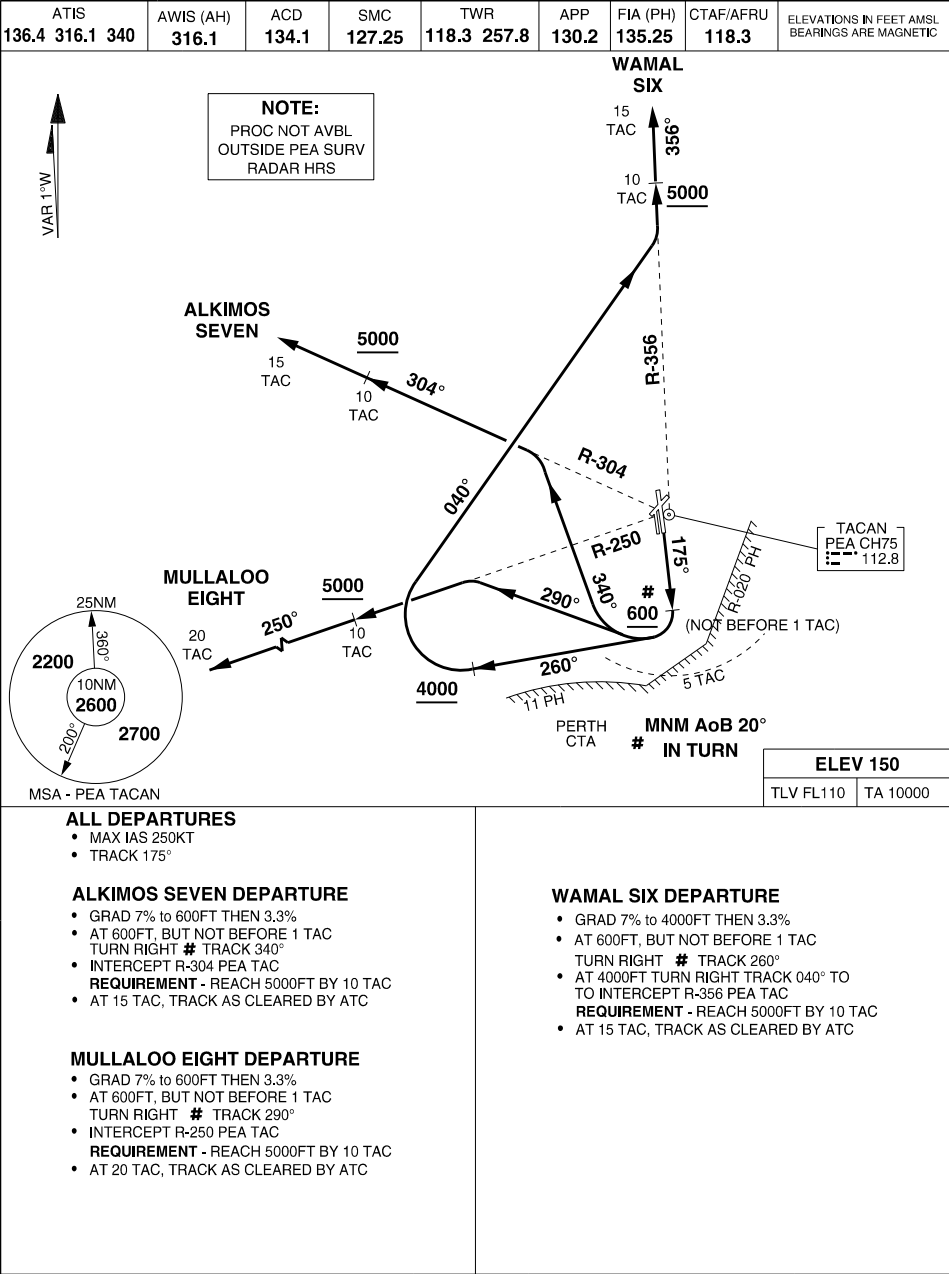
AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
SID RWY 18L (CAT A,B,C)

MILITARY USE ONLY

S31 40.06 E116 00.90
WGS-84

SID RWY 18L (CAT D)
PEARCE (YPEA)



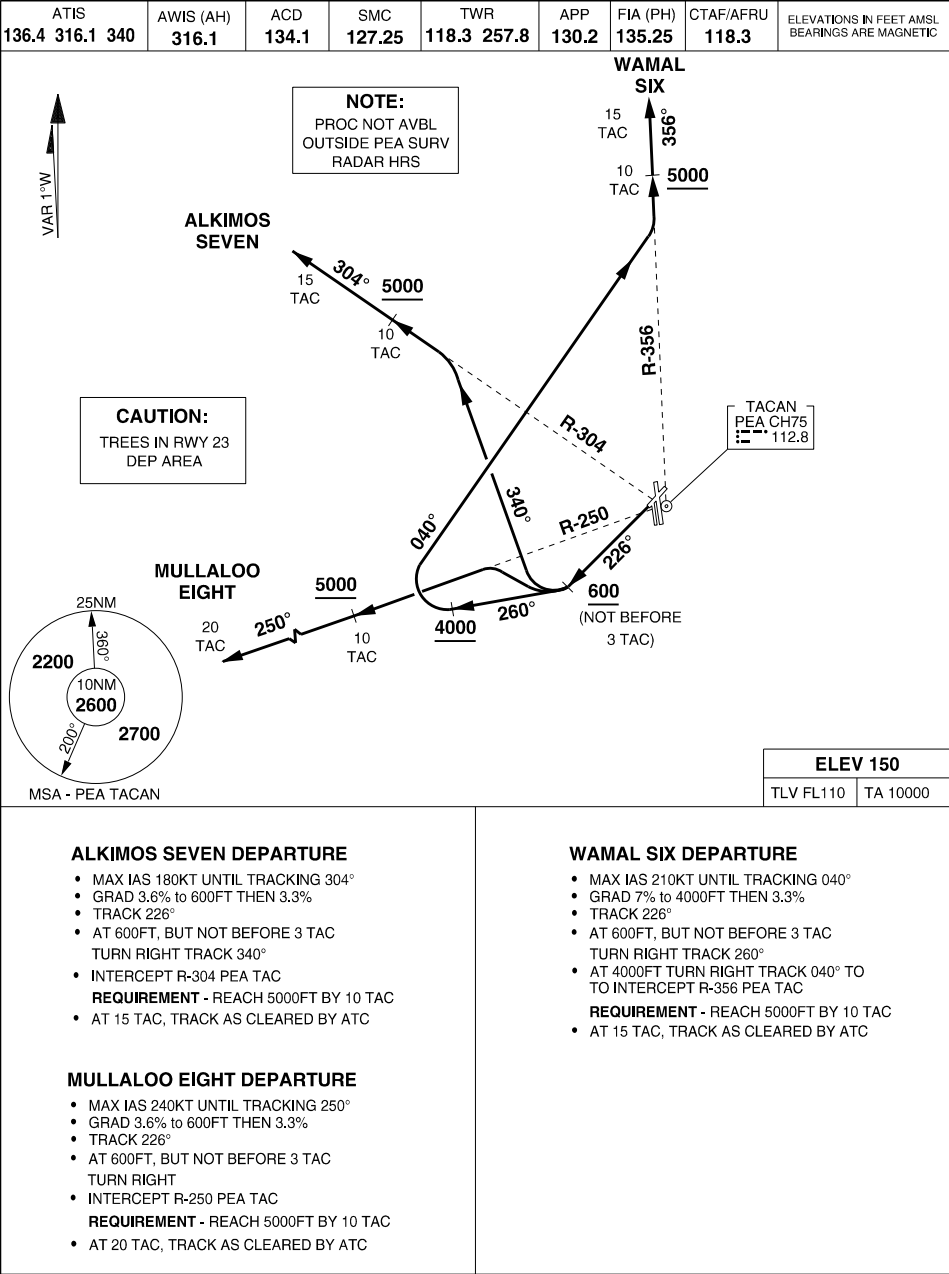
CHANGES: MSA
12 JUN 25

ACG
MILITARY USE ONLY

PEARCE (YPEA)
SID RWY 18L (CAT D)

S31 40.06 E116 00.90
PANS-OPS, WGS 84

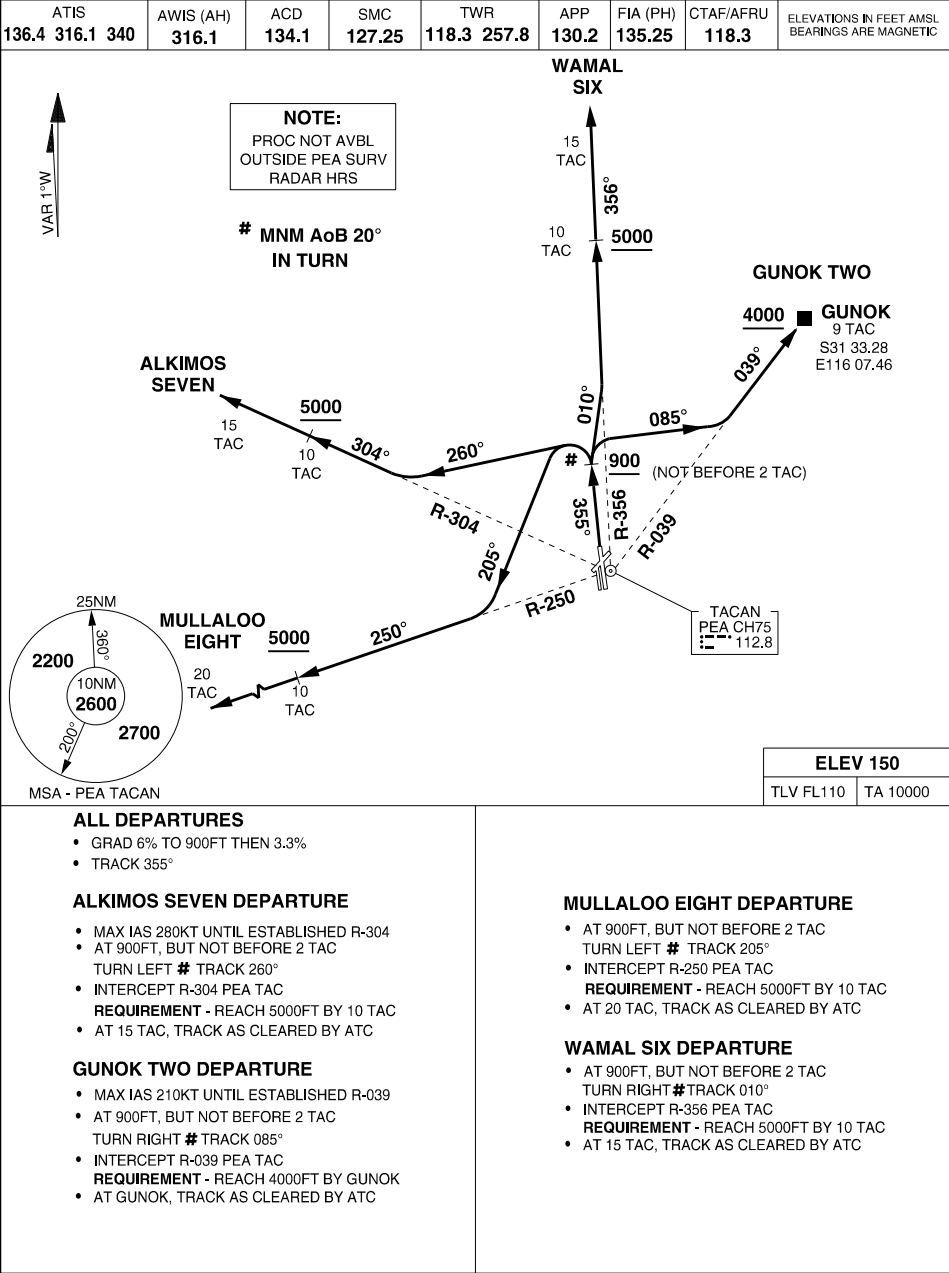
SID RWY 23 (CAT A, B, C)
PEARCE (YPEA)



CHANGES: MSA
12 JUN 25

S31 40.06 E116 00.90
PANS-OPS, WGS 84

SID RWY 36R
PEARCE (YPEA)

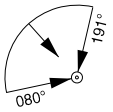
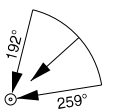


CHANGES: MSA, SPEED RESTR, GUNOK DEP VALIDITY INDICATOR

12 JUN 25

PEARCE (YPEA)
SID RWY 36R

TACAN or GNSS ARRIVAL PROCEDURES
MILITARY USE ONLY
PEARCE (YPEA)

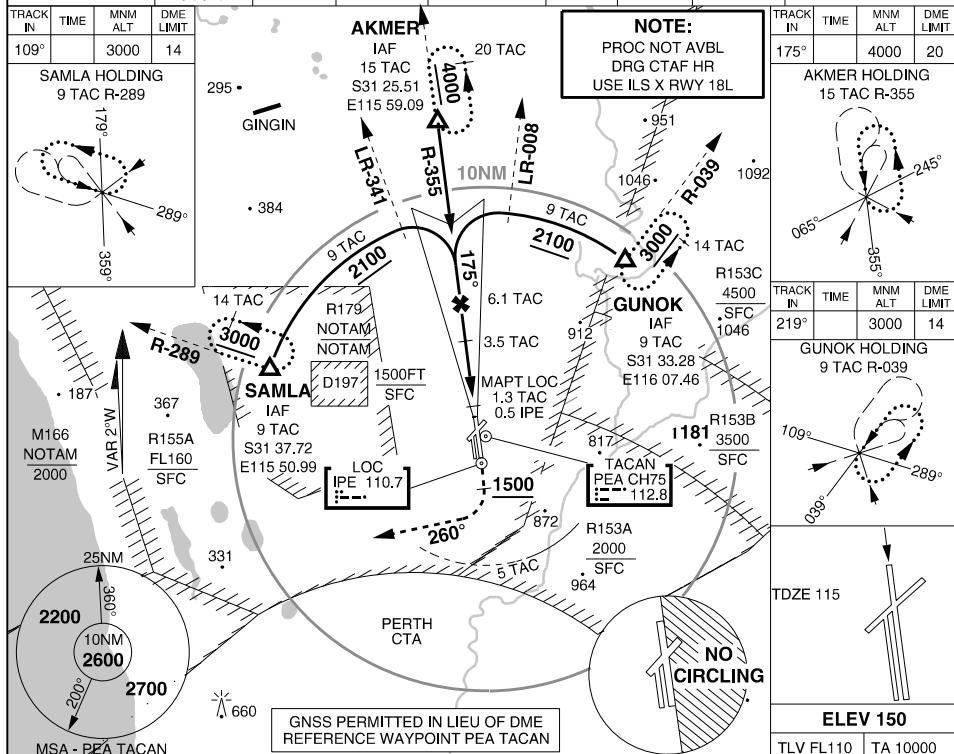
ATIS 136.4 316.1 340		AWIS (AH) 316.1		ACD 134.1		SMC 127.25		TWR 118.3 257.8		APP 130.2		FIA (PH) 135.25		CTAF/AFRU 118.3		ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC					
INBOUND TRACK or SECTOR (MAG)		LOWEST SAFE ALT (FT)		DESCENT STEPS												ELEV 150					
				AT TACAN or GNSS DISTANCE....NM																	
				DESCEND TO.....FEET/VIS.....M																	
1		2		3		4		5		6		7		8		9		10		11	
- DME USING TACAN CH75 - GNSS REFERENCE WAYPOINT PEA TACAN 																					
SECTOR A♣ 		2700 WITHIN 25 NM								35 ↓ 10,000		26 ↓ 8000		18 ↓ 5000		10 ↓ 3500		7 ↓ 1500		5 ↓ A,B: 1340 -2400 C: 1340 -4000 D: 1340 -5000	
		IAF: 15 TACAN IF: 10 TACAN FAF: 5 TACAN MAPT: PEA TACAN																			
MISSED APPROACH: TURN RIGHT, TRACK 280°, CLIMB TO 3000FT # ♣ ACFT RQ CLEARANCE TO RE-ENTER PH CTA/C DURING CTAF HRS ♣ NOT AVAILABLE WHEN R179 ACTIVE																					
SECTOR B 		2700 WITHIN 25 NM								35 ↓ 10,000		26 ↓ 8000		19 ↓ 5000		13 ↓ 2700		5 ↓ 1600		2 ↓ A,B: 1340 -2400 C: 1340 -4000 D: 1340 -5000	
		IAF: 15 TACAN IF: 10 TACAN FAF: 5 TACAN MAPT: PEA TACAN																			
MISSED APPROACH: TURN RIGHT, TRACK 280°, CLIMB TO 3000FT # ♣ ACFT RQ CLEARANCE TO RE-ENTER PH CTA/C DURING CTAF HRS MISSED APCH INFRINGES R179 WHEN ACT																					
NOTES : 1. NO CIRCLING EAST OF RWY 18L/36R 2. PROCEDURE DESIGNED TO CONTAIN ACFT IN PH CTA/C UNTIL WITHIN THE BOUNDRY OF R153/155 3. DURING CTAF HRS REFERENCE TO VTC AND TAC ADVISED TO PREVENT ACFT RE-ENTERING PH CTA/C AFTER PROCEEDING OCTA																					

CHANGES: REMOVED TFC FREQ

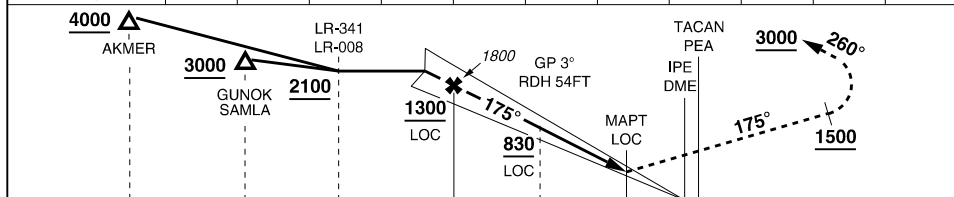
30 NOV 23

AIS-AF
MILITARY USE ONLY
TACAN or GNSS ARRIVAL PROCEDURES
PEARCE (YPEA)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	FIA (PH)	CTAF/AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	134.1	127.25	118.3 257.8	130.2	135.25	118.3	



IPE DME	8.2	7.2	6.2	5.3	5.2	4.2	3.2	2.2	1.7			
PEA TACAN DIST	9	8	7	6.1	6	5	4	3	2.5			
ALTITUDE	2710	2390	2070	1800	1750	1440	1120	800	650			



IPEDME	14.2			8.2	5.3	2.7	0.5	0		THR 18L ELEV 115
TACAN PEA	15	9	ARC	9	6.1	3.5	1.3	0		

MISSED APPROACH: TRACK 175°, AT 1500FT TURN RIGHT, TRACK 260°, CONTINUE CLIMB TO 3000FT

CATEGORY	A	B	C	D	E
ILS/TAC	420	305 -1600	(VIS -1500 WITH ACTUAL QNH)		NOT AUTHORISED
LOC/TAC	690	575 -3000	(VIS -2400 WITH ACTUAL QNH)		
CIRCLING	730 580 -2000	880 730 -2400	980 830 -4000	1090 940 -5000	

NOTES: 1. NO CIRCLING EAST OF RWY 18L/36R.
2. CLOSE PROXIMITY TO PH CTR.

CHANGES: REVISED PROC

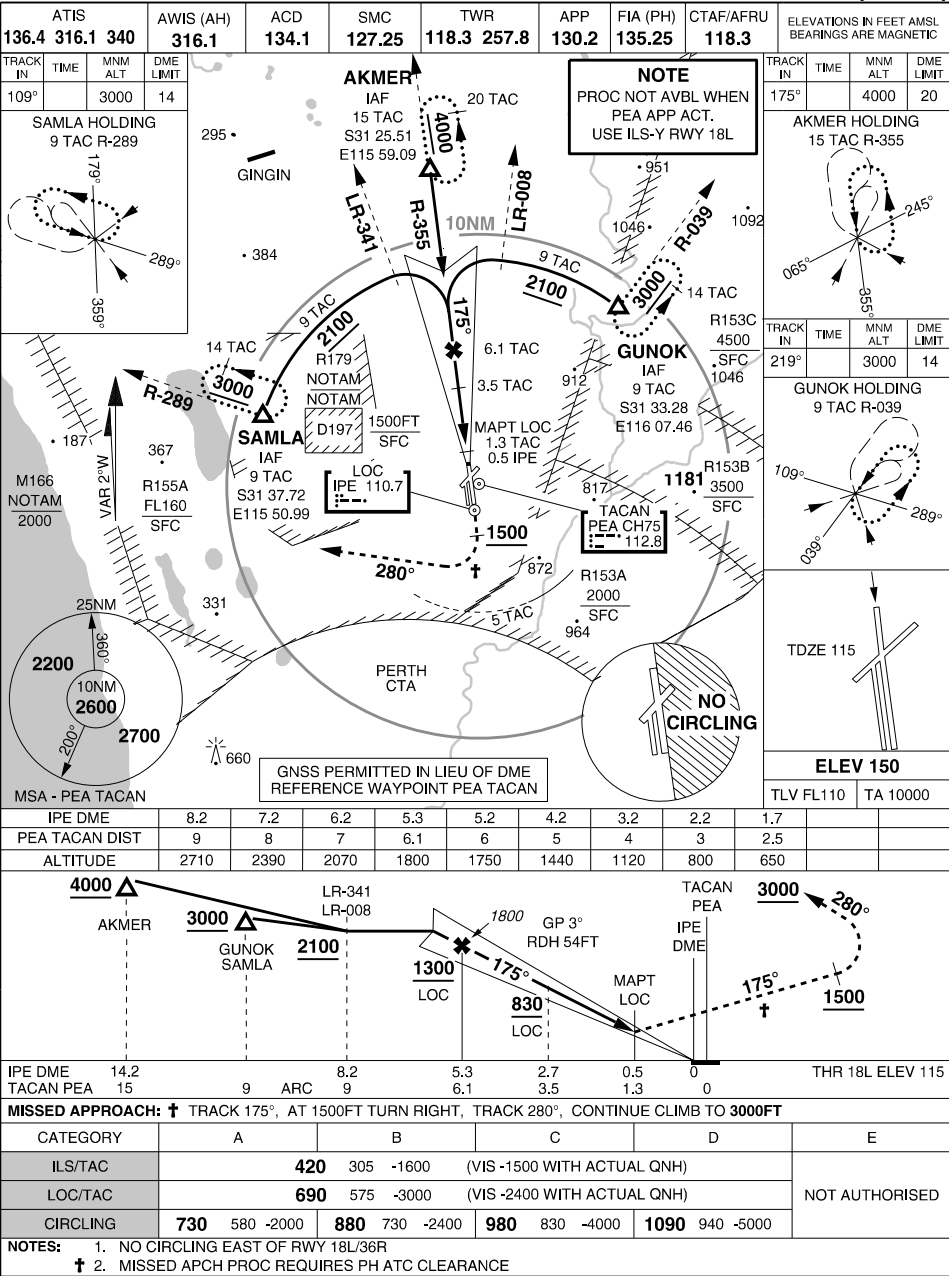
11 FEB 25

AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
ILS-Y or LOC-Y RWY 18L

S31 40.06 E116 00.90
PANS-OPS, WGS 84

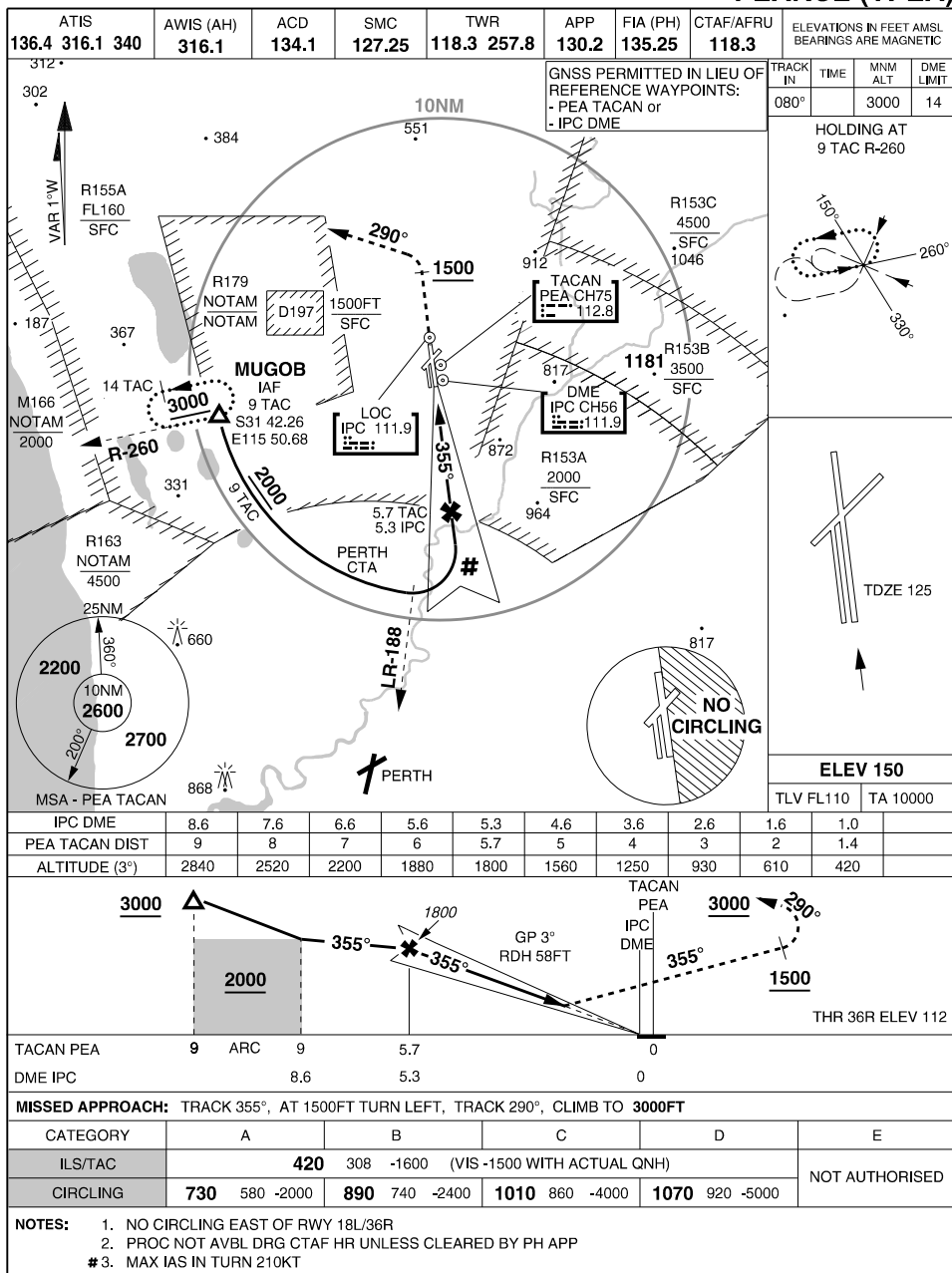
ILS-X or LOC-X RWY 18L (UNCONTROLLED HR ONLY)
MILITARY USE ONLY
PEARCE (YPEA)



MILITARY USE ONLY

S31 40.06 E116 00.90
PANS-OPS, WGS 84

ILS-Z RWY 36R PEARCE (YPEA)

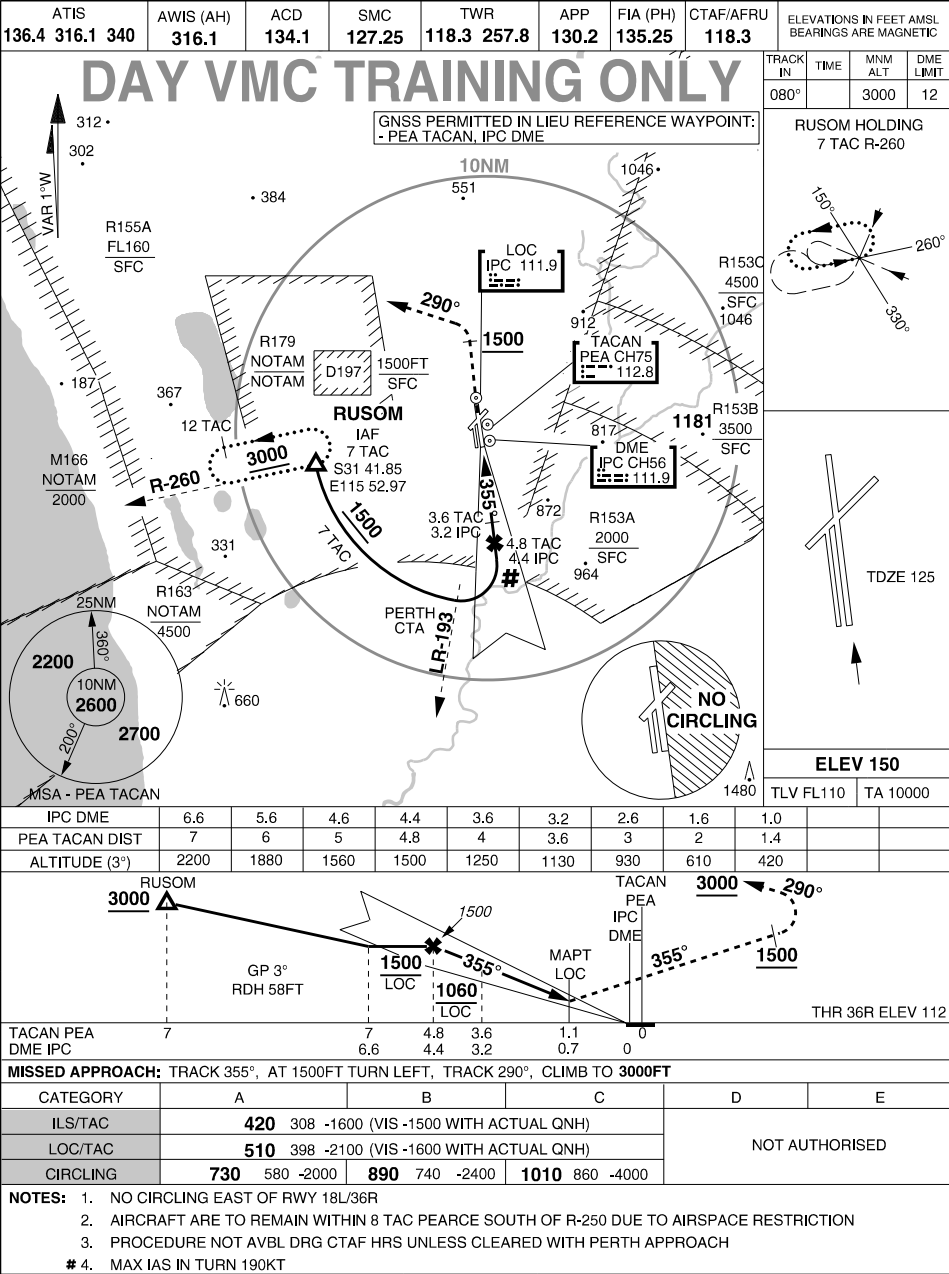


CHANGES: MSA
12 JUN 25

AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
ILS-Z RWY 36R

ILS-Y or LOC-Y RWY 36R (CAT A, B, C)
MILITARY USE ONLY
PEARCE (YPEA)



LOC/DME IPC 111.9 Chan 56	APCH CRS 355°	RWY LDG THR ELEV 112 AD ELEV 150
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PANS-OPS, WGS-84

LOC-Z RWY 36R
PEARCE (YPEA)

1. NO CIRCLING EAST OF RWY 18L/36R.
2. PROC NOT AVBL DRG CTAF HR UNLESS CLEARED BY PH APP.
- #3. MAX IAS IN TURN 210KT.

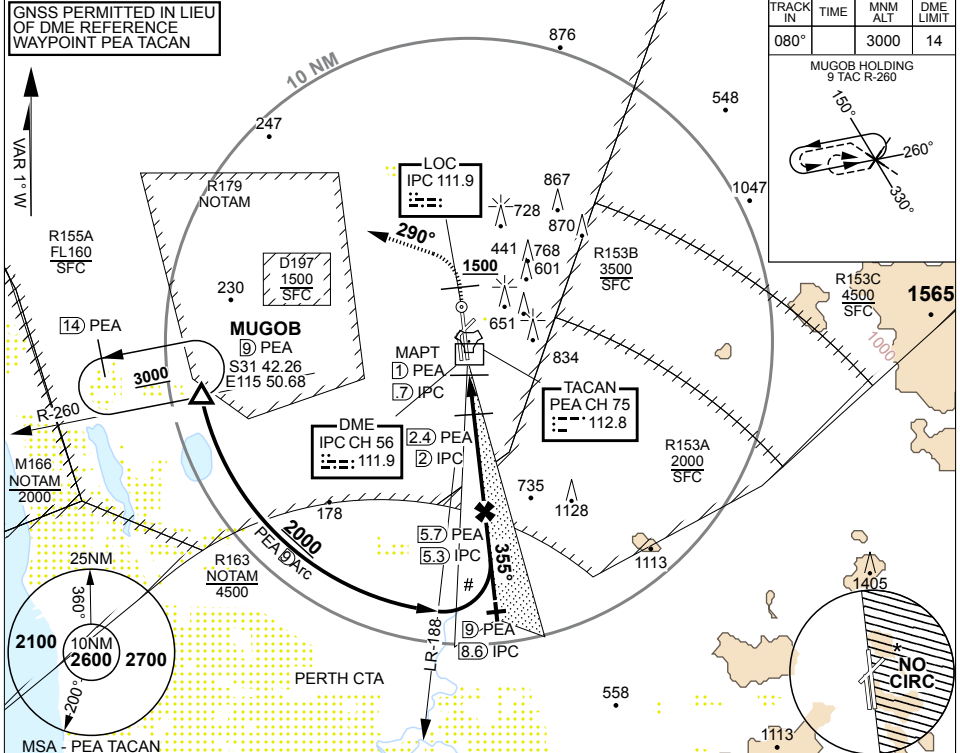
MISSED APPROACH:
TRACK 355° AT 1500FT TURN LEFT, TRACK 290°, CLIMB TO 3000FT.

ATIS 136.4 316.1 340	AWIS (AH) 316.1	ACD 134.1	SMC 127.25	TWR 118.3 257.8	APP 130.2	FIA (PH) 135.25	CTAF /AFRU 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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GNSS PERMITTED IN LIEU
OF DME REFERENCE
WAYPOINT PEA TACAN

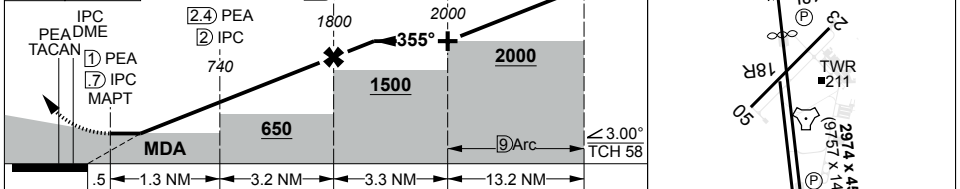
TRACK IN	TIME	MNM ALT	DME LIMIT
080°		3000	14

MUGOB HOLDING
9 TAC R-260



MSA - PEA TACAN	1.7	2	3	4	5	6	6.4												
PEA TAC	1.2	1.6	2.6	3.6	4.6	5.6	5.9												
IPC DME	500	610	930	1250	1560	1880	2000												
ALTITUDE	500	610	930	1250	1560	1880	2000												

1500	3000																		
↑	↑																		
CTS	290°																		



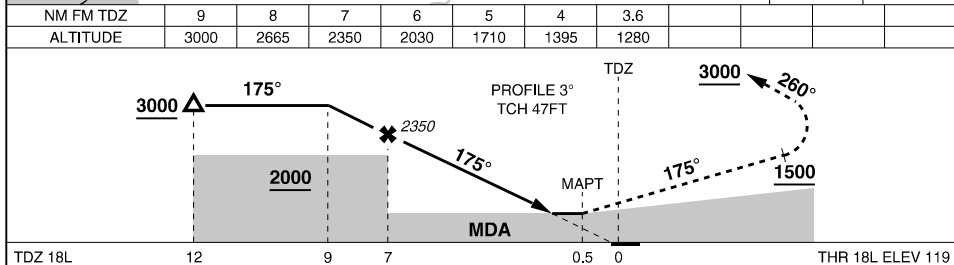
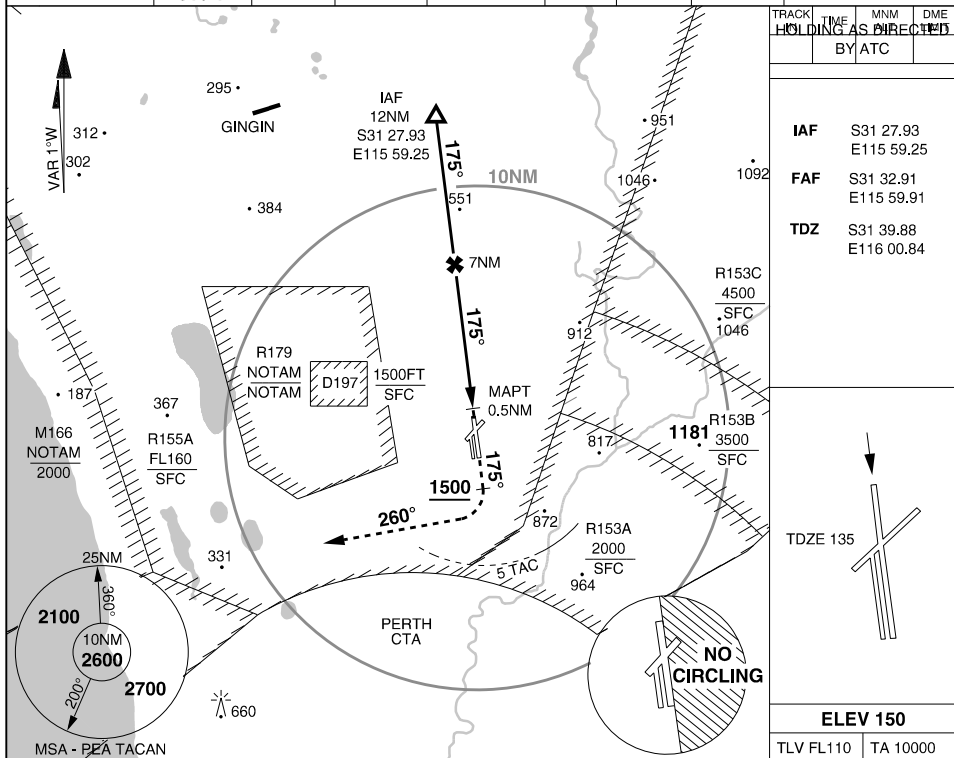
CATEGORY	A	B	C	D
S-LOC 36R	500	388	2100m	(VIS -1500 WITH ACTUAL QNH)
CIRCLING	730 580 2000m	890 740 2400m	1010 860 4000m	1070 920 5000m

CHANGES: SUA IDENT 13 JUN 24
S31 40.06 E116 00.90
AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
LOC-Z RWY 36R

ARA RWY 18L
PEARCE (YPEA)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	FIA (PH)	CTAF/AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	134.1	127.25	118.3 257.8	130.2	135.25	118.3	



MISSED APPROACH: TRACK 175°, AT 1500FT TURN RIGHT, TRACK 260°, CLIMB TO 3000FT

CATEGORY	C		D		E	
ARA	1280	1161	-5000		NOT AUTHORISED	
CIRCLING	1280	1130	-4000	1280	1130	-5000

NOTES:

1. NO CIRCLING EAST OF RWY 18L/36R
2. MISSED APPROACH REQUIRES PH ATC CLEARANCE DURING CTAF HOURS.
3. TDZ ON RWY C/L 252M PAST LDG THR

CHANGES: SUA IDENT
13 JUN 24

AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
ARA RWY 18L

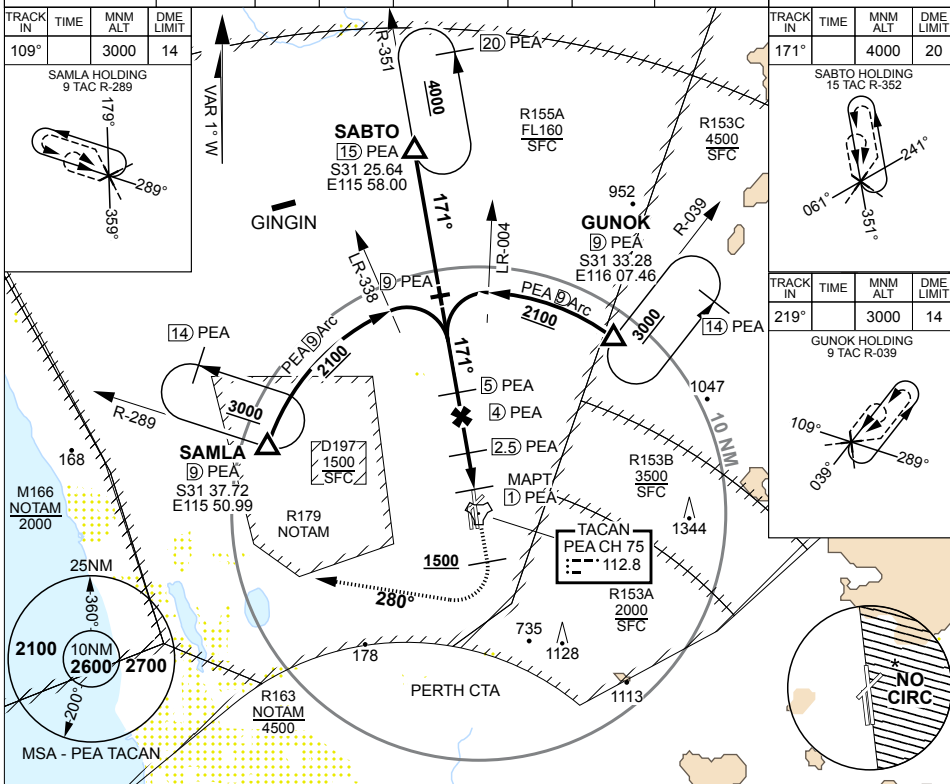
TACAN PEA Chan 75	APCH CRS 171°	RWY LDG 8002 THR ELEV 119 AD ELEV 150
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TACAN-Z RWY 18L (UNCONTROLLED HR ONLY) PANS-OPS, WGS-84 **PEARCE (YPEA)**

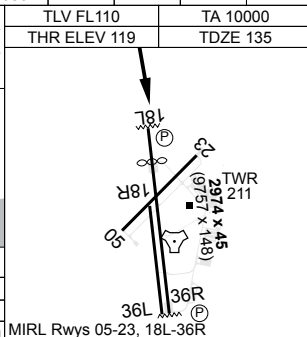
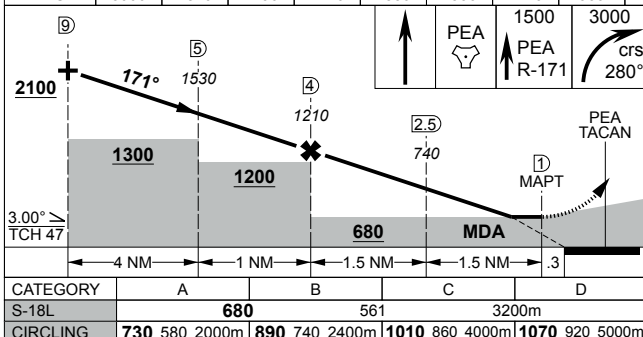
1. NO CIRCLING EAST OF RWY 18L/36R.
2. MISSED APCH PROC REQUIRES PH ATC CLEARANCE.

MISSED APPROACH:
TRACK DIRECT TO TACAN THEN R-171, AT 1500FT TURN
RIGHT, TRACK 280°, CLIMB TO **3000FT**.

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	FIA (PH)	CTAF /AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	134.1	127.25	118.3 257.8	130.2	135.25	118.3	



PEA TAC	9.6	9	8	7	6	5	4	3	2.3										
ALTITUDE	3000	2810	2490	2170	1850	1530	1210	900	680										



CHANGES: SUA IDENT 13 JUN 24
AIS-AF: MILITARY USE ONLY
TACAN-Z RWY 18L (UNCONTROLLED HR ONLY)
PEARCE (YPEA)

PANS-OPS, WGS-84

**TACAN-Y RWY 18L
PEARCE (YPEA)**

1. NO CIRCLING EAST OF RWY 18L/36R.

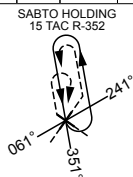
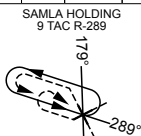
MISSED APPROACH:

TRACK DIRECT TO TACAN THEN R-171, AT 1500FT TURN
RIGHT, TRACK 260°, CLIMB TO **3000FT**.

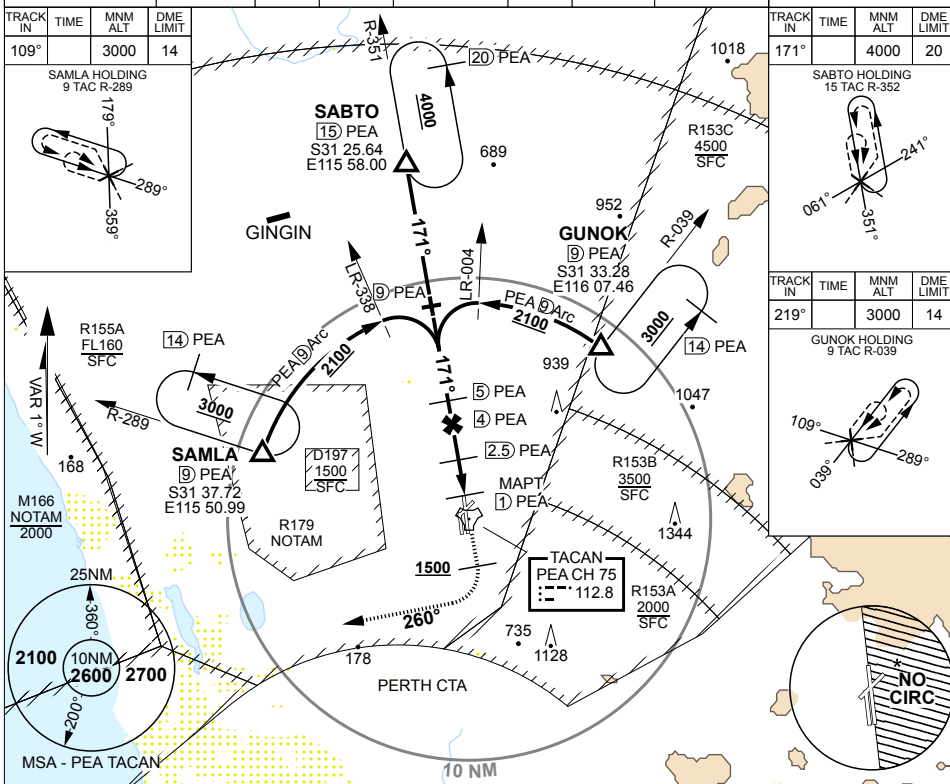
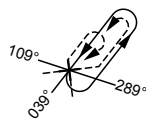
ATIS 136.4 316.1 340	AWIS (AH) 316.1	ACD 134.1	SMC 127.25	TWR 118.3 257.8	APP 130.2	FIA (PH) 135.25	CTAF /AFRU 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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TRACK IN	TIME	MNM ALT	DME LIMIT
109°		3000	14

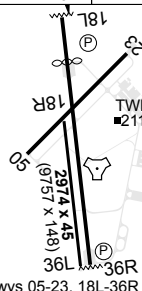
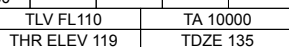
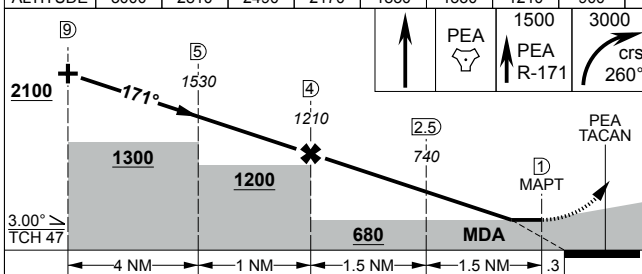
TRACK IN	TIME	MNM ALT	DME LIMIT
171°		4000	20



TRACK IN	TIME	MNM ALT	DME LIMIT
219°		3000	14



PEA TAC	9.6	9	8	7	6	5	4	3	2.3				
ALITITUDE	3000	2810	2490	2170	1850	1530	1210	900	680				



CATEGORY	A	B	C	D
S-18L	680	561	3200m	
CIRCUITING	730 580 2000m	890 740 2400m	1010 860 4000m	1070 920 5000m

MIRL Rwy 05-23, 18L-36R

CHANGES: SUA IDENT

S31 40.06 E116 00.90

13 JUN 24

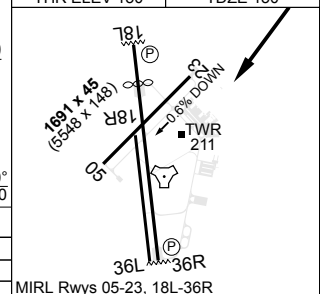
**AIS-AF
MILITARY USE ONLY**

PEARCE (YPEA)
TACAN-Y RWY 18L

TACAN RWY 23 (2FTS USE ONLY)
PANS-OPS, WGS-84 **PEARCE (YPEA)**

MISSED APPROACH:
TRACK DIRECT TO TACAN THEN R-218, AT 1500FT TURN
RIGHT. TRACK 260°. CLIMB TO **4000FT**.

1500	4000		TLV FL110	TA 10000
↑	CRS 260°		THR ELEV 150	TDZE 150
			781	



CATEGORY	A	B	C	D
S-23	990	840	4800m	NA
CIRCLING	NOT AUTHORISED			

CHANGES: REMOVED TFC FREQ	S31 40.06 E116 00.90
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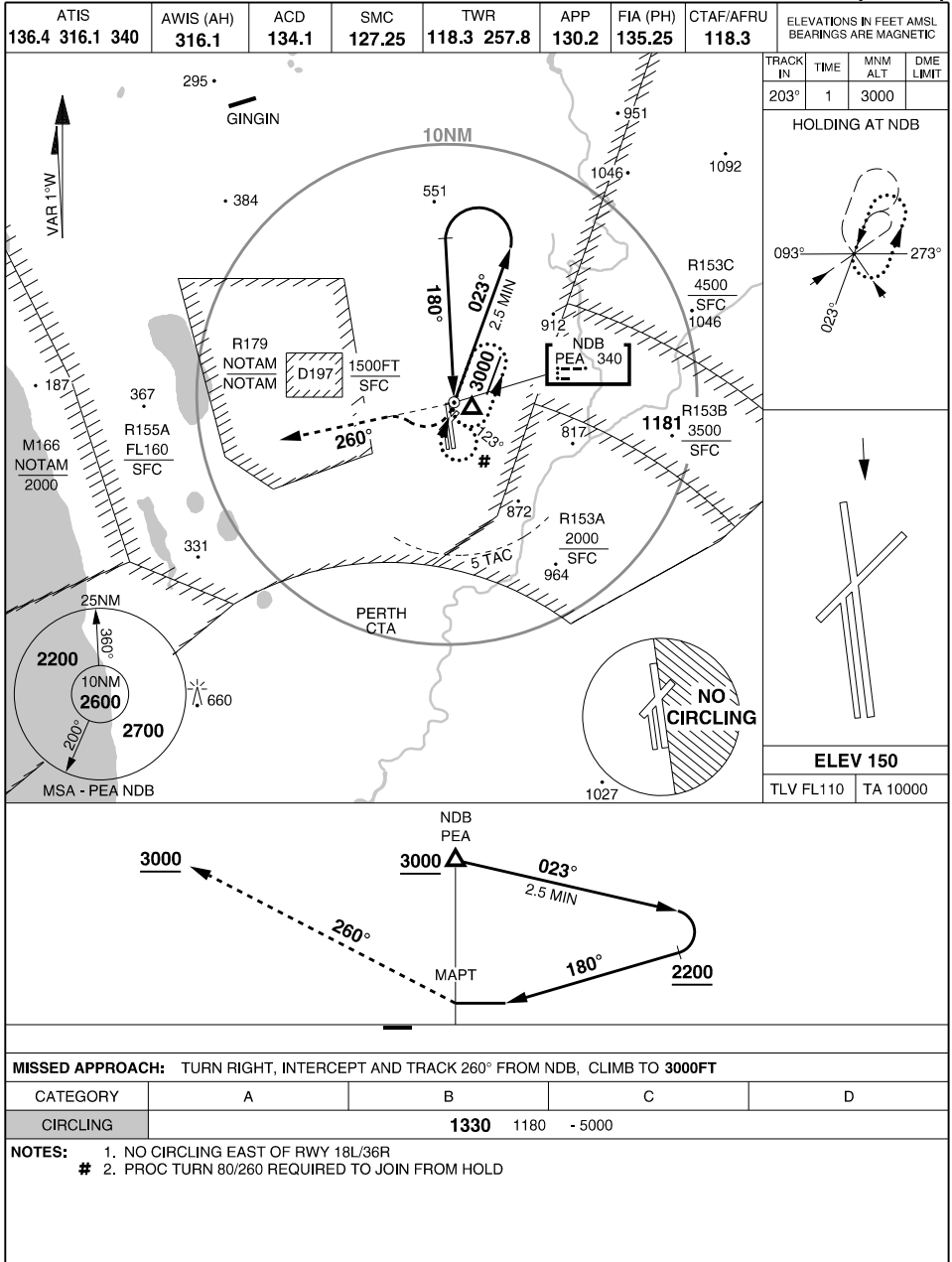
30 NOV 23

AIS-AF: MILITARY USE ONLY TACAN RWY 23 (2FTS USE ONLY)

MILITARY USE ONLY

S31 40.06 E116 00.90
PANS-OPS, WGS 84

NDB-A
PEARCE (YPEA)



CHANGES: MSA
12 JUN 25

AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
NDB-A

APCH CRS 051°	RWY LDG 5548
THR ELEV 114	AD ELEV 150

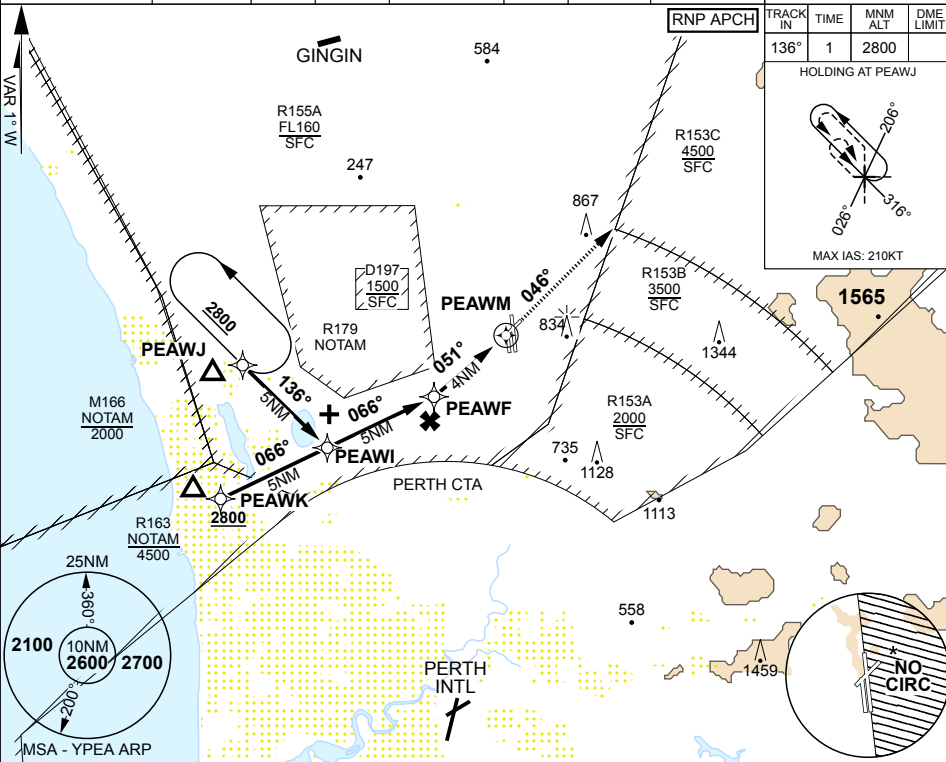
PANS-OPS, WGS-84

RNP RWY 05
PEARCE (YPEA)

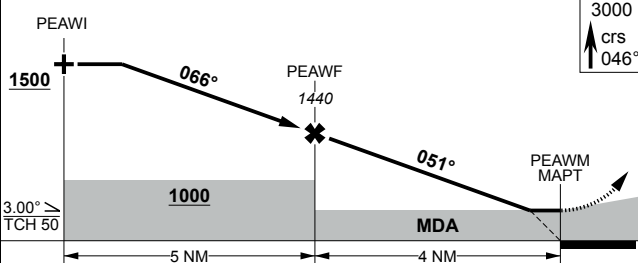
1. NO CIRCLING EAST OF RWY 18L/36R.
2. IAF PEAWK CONTAINED WI PERTH CTA, ATC CLEARANCE REQUIRED, NOT AVBL FOR TRAINING.
3. MAX IAS INITIAL: 210KT.

MISSED APPROACH:
TURN LEFT, TRACK 046°, CLIMB TO 3000FT.

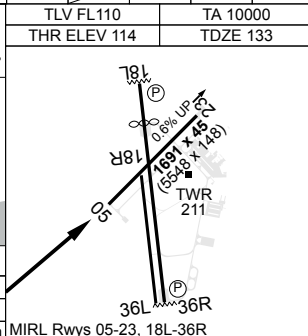
ATIS 136.4 316.1 340	AWIS (AH) 316.1	ACD 134.1	SMC 127.25	TWR 118.3 257.8	APP 130.2	FIA (PH) 135.25	CTAF /AFRU 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NM TO NEXT WPT	4.3	4	3	2	1	PEAWF	3	2	1.7	PEAWM				
ALTITUDE	2800	2710	2390	2070	1760	1440	1120	800	720					



CATEGORY	A	B	C	D
LNAV MDA	720	606	3400m	(VIS -2800 WITH ACTUAL QNH)
CIRCLING	730 580 2000m	890 740 2400m	1010 860 4000m	1070 920 5000m



CHANGES: SUA IDENT

13 JUN 24

S31 04.06 E116 00.90

AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
RNP RWY 05

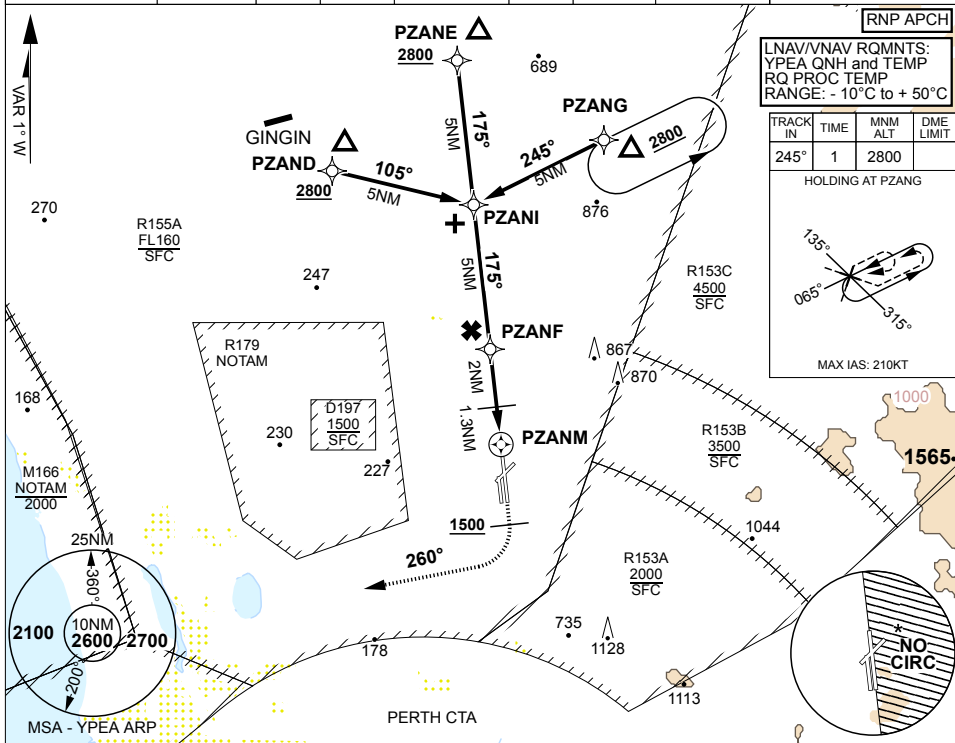
APCH CRS 175°	RWY LDG THR ELEV AD ELEV	8002 119 150
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PANS-OPS, WGS-84

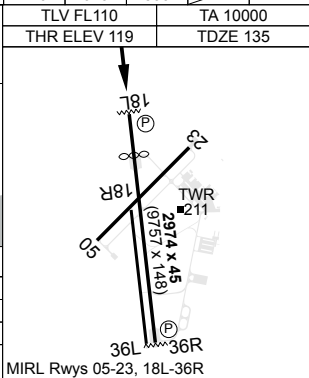
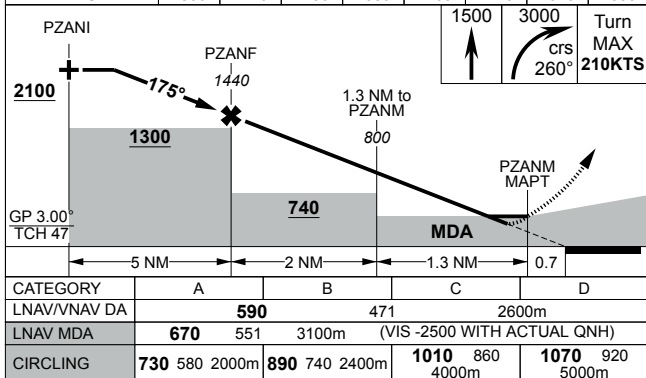
RNP RWY 18L
PEARCE (YPEA)

1. NO CIRCLING EAST OF RWY 18L/36R.
2. MAX IAS INITIAL: 210KT.
3. CLOSE PROXIMITY TO PH CTR.
- MISSED APPROACH:**
MAX IAS: 210KT, TRACK 175°, AT 1500FT TURN RIGHT, TRACK 260°, CLIMB TO 3000FT.

ATIS 136.4 316.1 340	AWIS (AH) 316.1	ACD 134.1	SMC 127.25	TWR 118.3 257.8	APP 130.2	FIA (PH) 135.25	CTAF /AFRU 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NM TO NEXT WPT	4.3	4	3	2	1	PZANF	3	2	1	0.9	0.6	PZANM
ALTITUDE	2800	2710	2400	2080	1760	1440	1340	1030	710	670	590	



APCH CRS	RWY LDG	9757
355°	THR ELEV	112
	AD ELEV	150

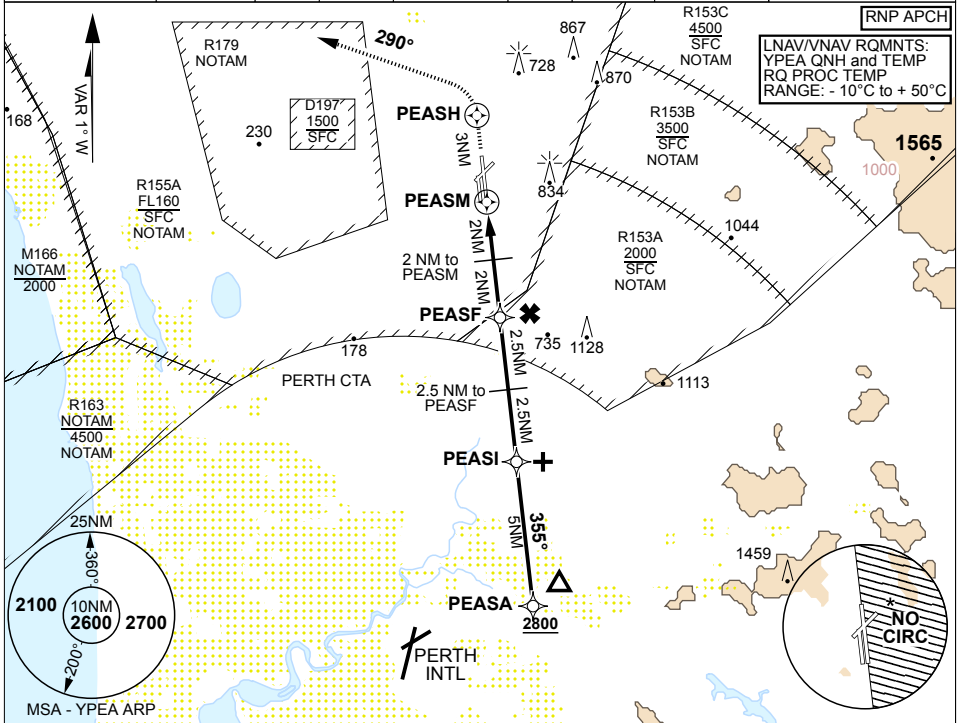
PANS-OPS, WGS-84

RNP RWY 36R PEARCE (YPEA)

1. NO CIRCLING EAST OF RWY 18L/36R.
2. PROCEDURE NOT AVBL DURING CTAF HRS UNLESS CLEARED BY PERTH APPROACH.
3. MAX IAS: INITIAL 210KT.

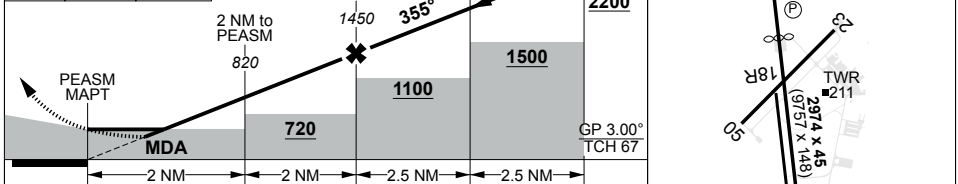
MISSED APPROACH:
TRACK TO PEASH, TURN
LEFT, TRACK 290°. CLIMB TO
3000FT.

ATIS	AWIS (AH)	ACD	SMC	TWR	APP	FIA (PH)	CTAF /AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
136.4 316.1 340	316.1	134.1	127.25	118.3 257.8	130.2	135.25	118.3	



NM TO NEXT WPT	PEASM	1	1.4	2	3	PEASF	1	2	3	4	4.2		
ALTITUDE		510	630	820	1130	1450	1770	2090	2410	2730	2800		

↑	PEASH	3000	TLV FL110	TA 10000
↻	crs 290°		THR ELEV 112	TDZE 125



CATEGORY	A	B	C	D
LNAV/VNAV DA	510	398	2100m	
LNAV MDA	630	518	2800m	(VIS -2200 WITH ACTUAL QNH)
CIRCLING	730 580 2000m	890 740 2400m	1010 860 4000m	1070 920 5000m

CHANGES: SUA IDENT

13 JUN 24

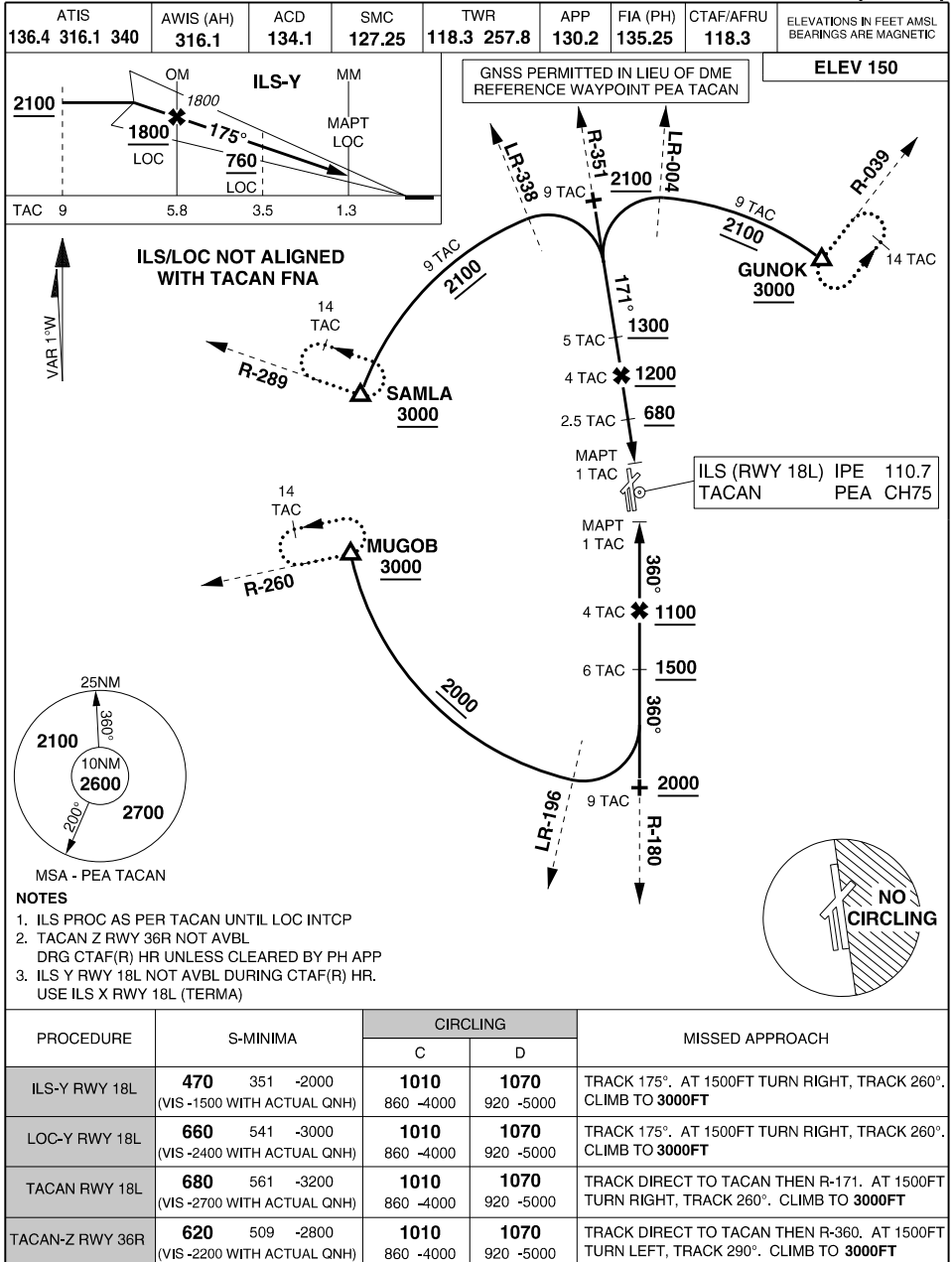
S31 40.06 E116 00.90
AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
RNP RWY 36R

MILITARY USE ONLY

S31 40.06 E116 00.90
PANS-OPS, WGS 84

COMPOSITE
PEARCE (YPEA)



CHANGES: REMOVED TFC FREQ

30 NOV 23

ACG
MILITARY USE ONLY

PEARCE (YPEA)
COMPOSITE

MILITARY USE ONLY
ILS-I or LOC-I USING REM TACAN or IRE DME
REMOTE

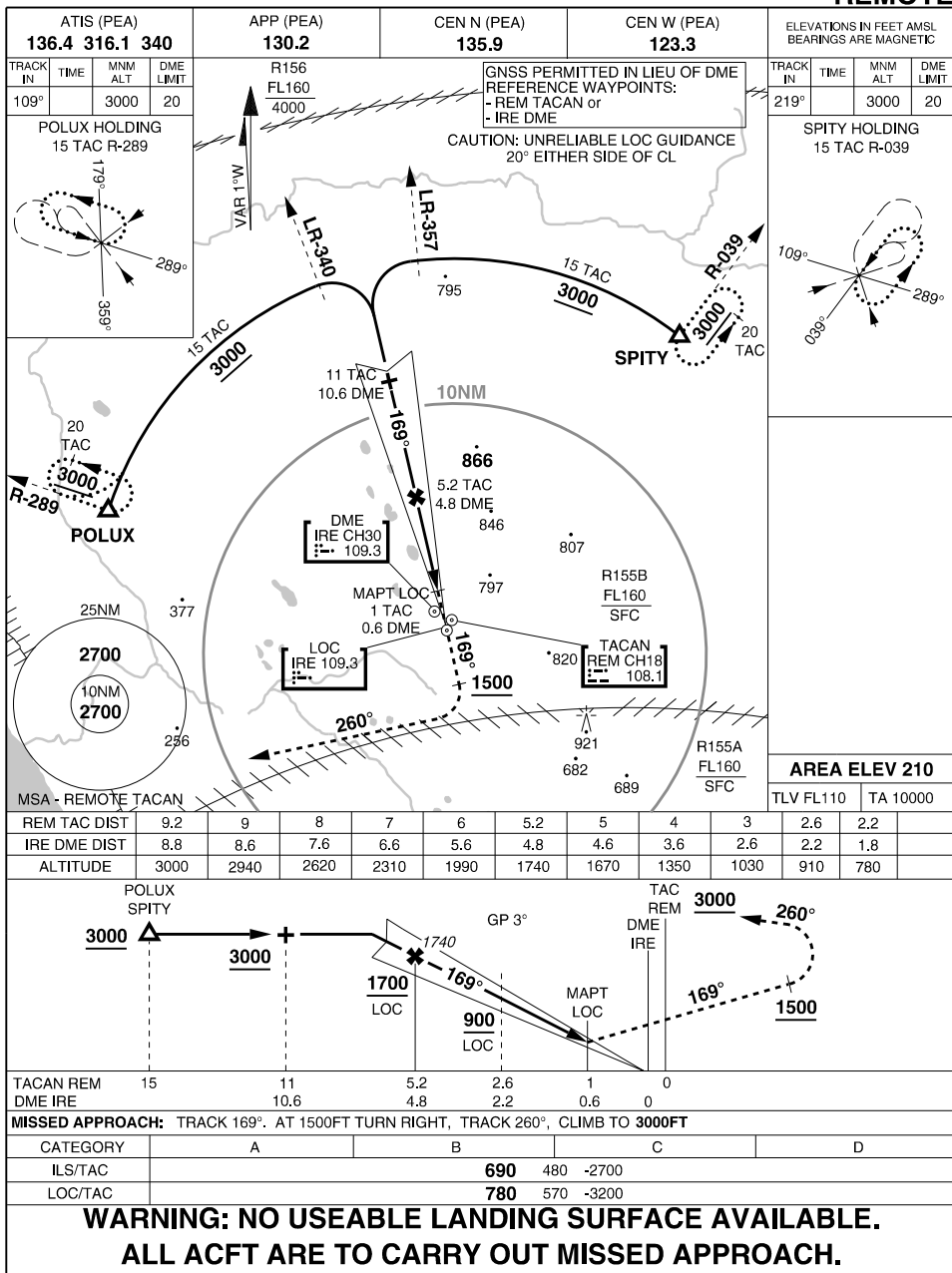
CHANGES: SUA IDENT
13 JUN 24

AIS-AF
MILITARY USE ONLY

REMOTE
ILS-I or LOC-I USING REM TACAN or IRE DME

S31 16.41 E115 49.74
PANS-OPS, WGS 84

MILITARY USE ONLY ILS-O or LOC-O USING REM TACAN or IRE DME REMOTE



CHANGES: REVISED PROCEDURE

17 APR 24

AIS-AF
MILITARY USE ONLY

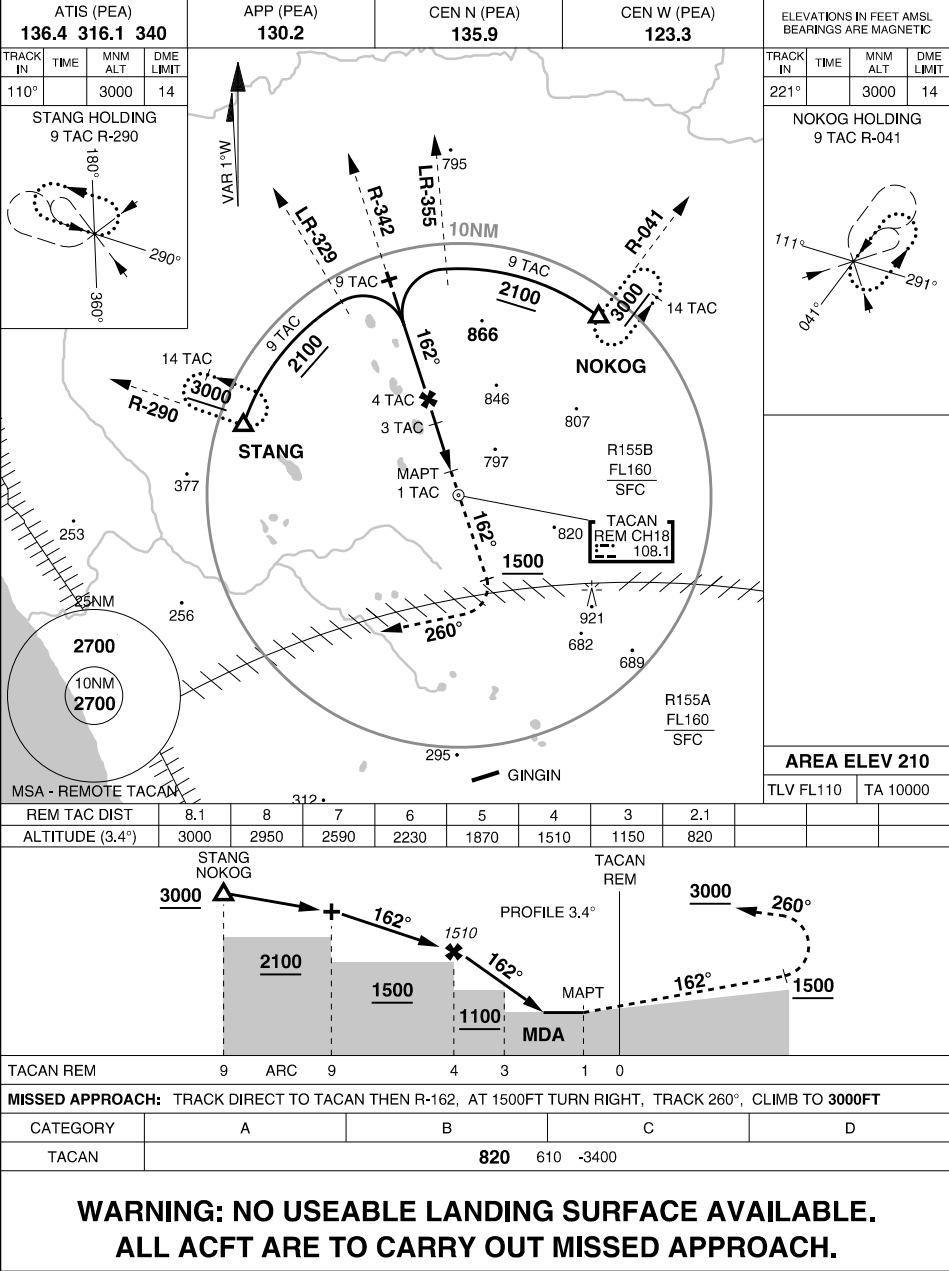
REMOTE

ILS-O or LOC-O USING REM TACAN or IRE DME

MILITARY USE ONLY

S31 16.41 E115 49.74
PANS-OPS, WGS 84

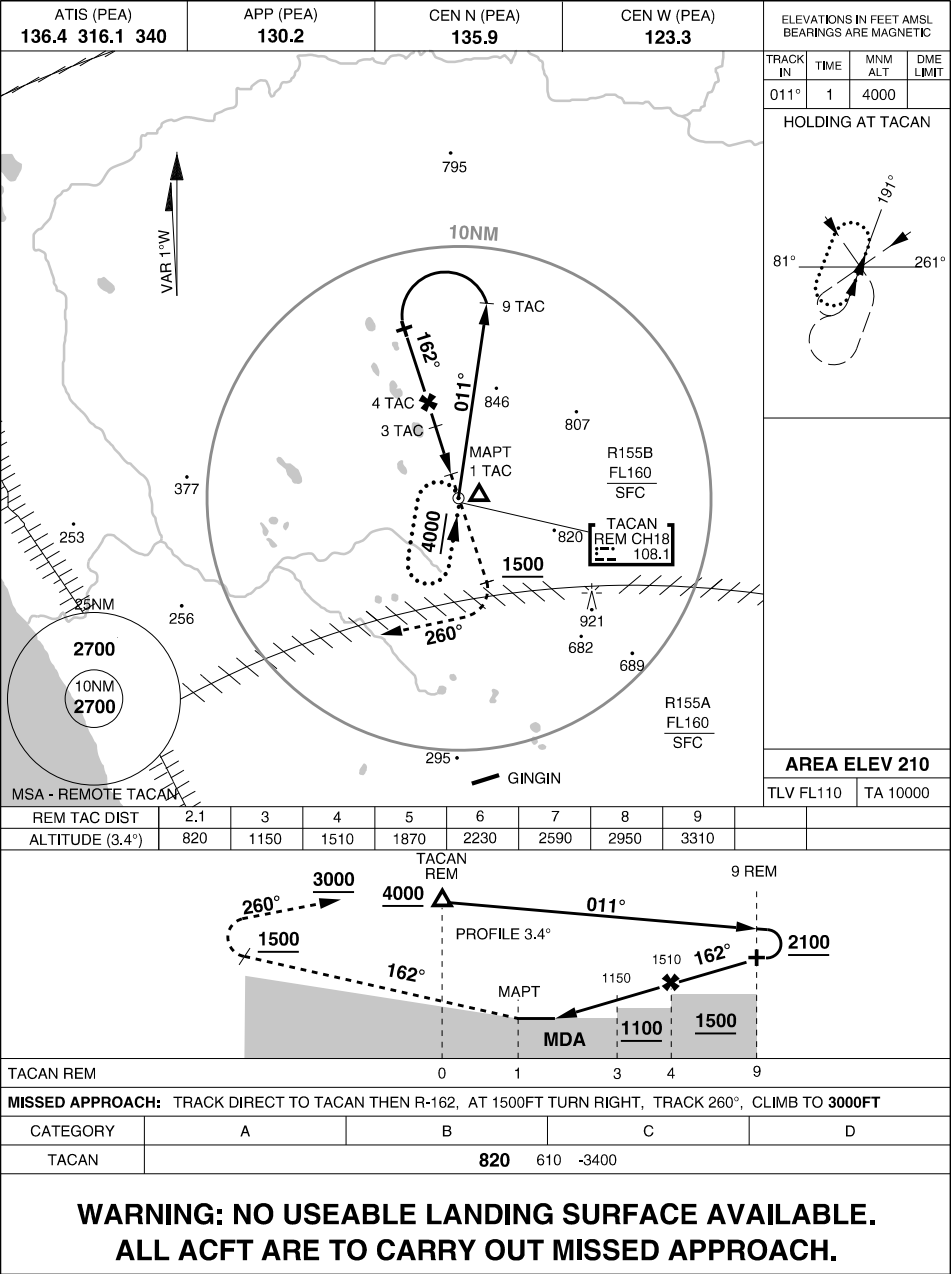
TACAN-I
REMOTE



MILITARY USE ONLY

S31 16.41 E115 49.74
PANS-OPS, WGS 84

TACAN-J
REMOTE



CHANGES: SECTOR ALT
01 DEC 22

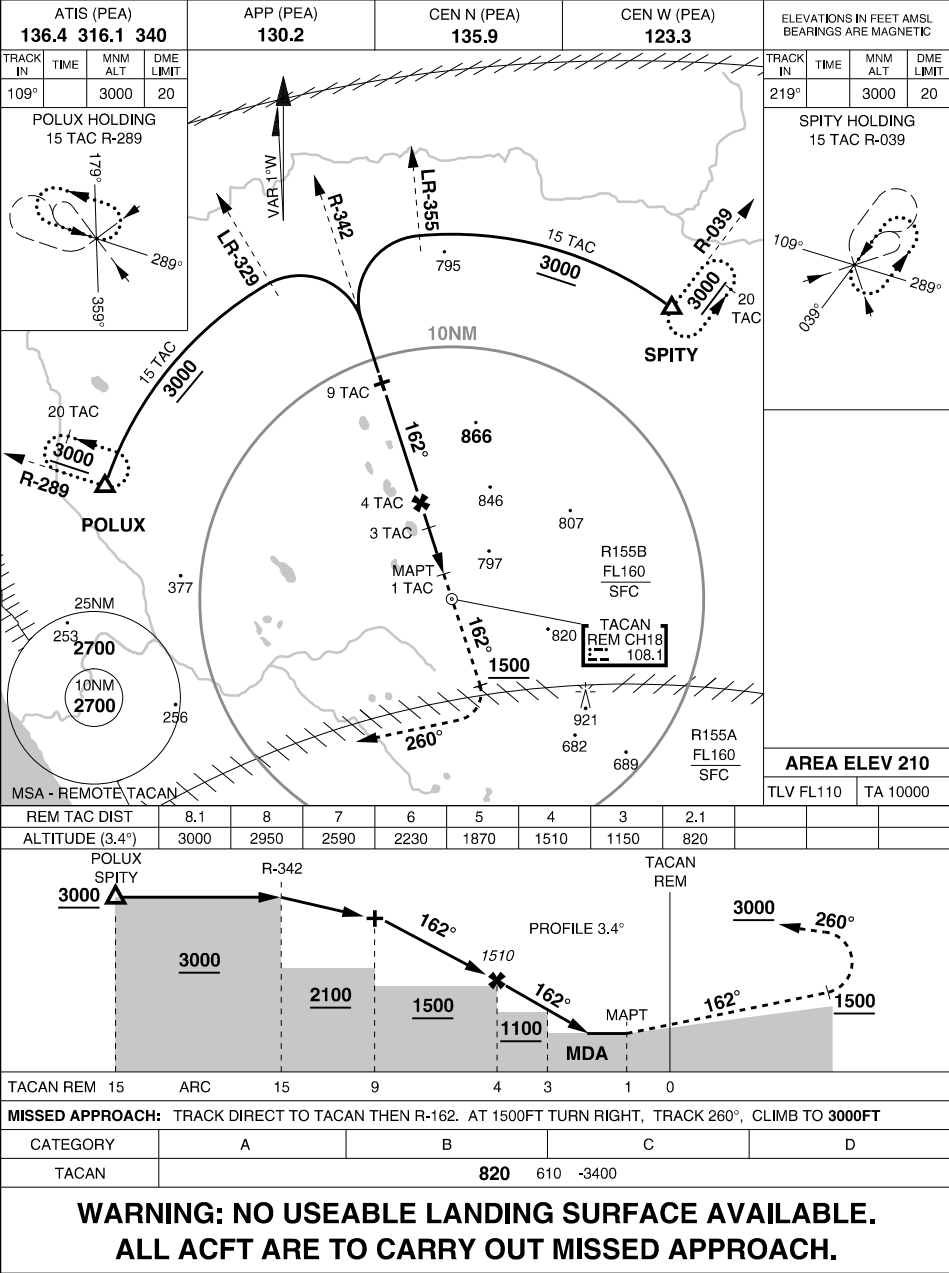
AIS-AF
MILITARY USE ONLY

REMOTE
TACAN-J

MILITARY USE ONLY

S31 16.41 E115 49.74
PANS-OPS, WGS 84

TACAN-O
REMOTE



CHANGES: SPITY, POLUX HOLD TRACK/RADIAL

13 JUN 24

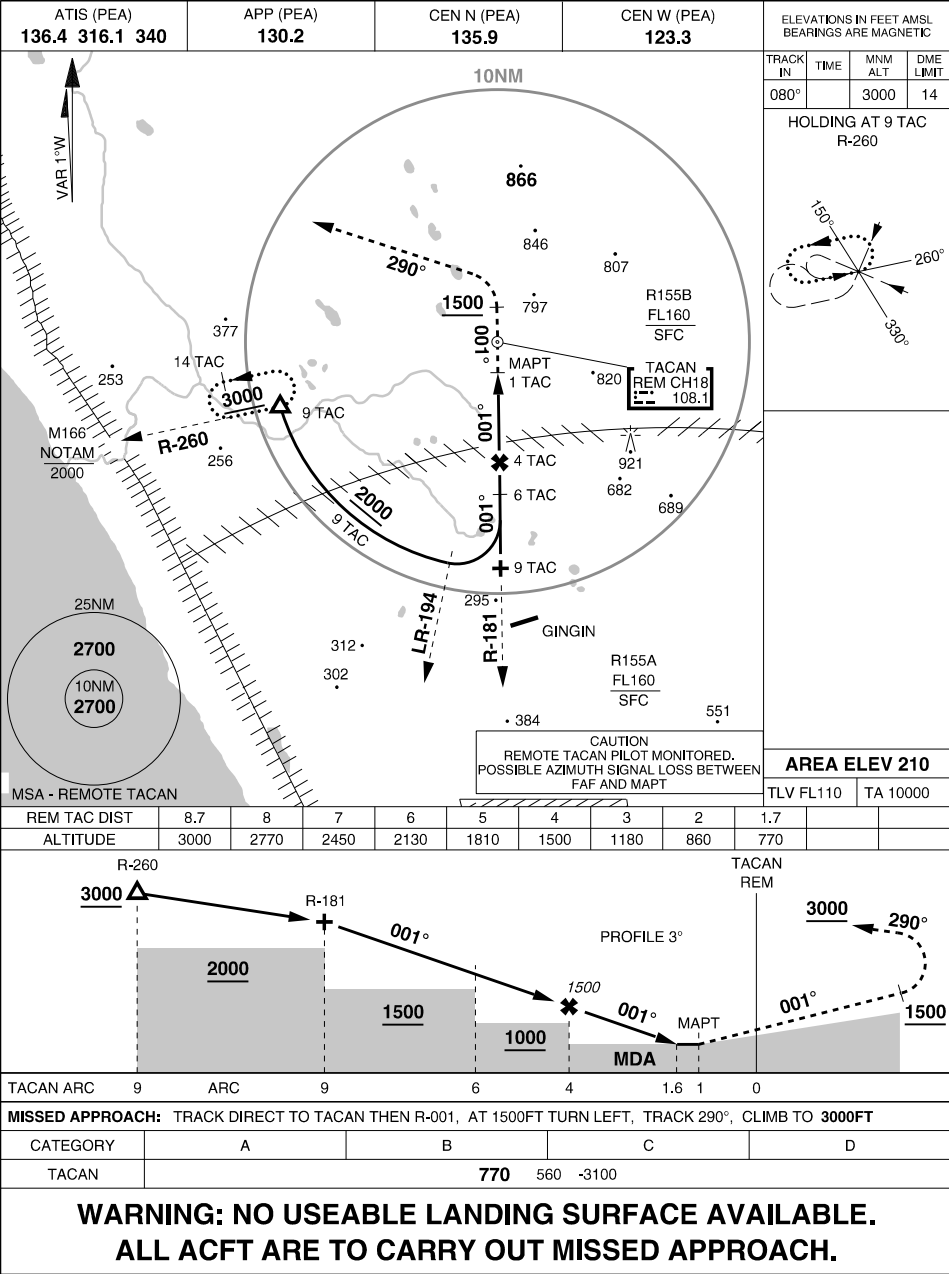
AIS-AF
MILITARY USE ONLY

REMOTE
TACAN-O

MILITARY USE ONLY

S31 16.41 E115 49.74
PANS-OPS, WGS 84

TACAN-W
REMOTE



CHANGES: SUA IDENT
13 JUN 24

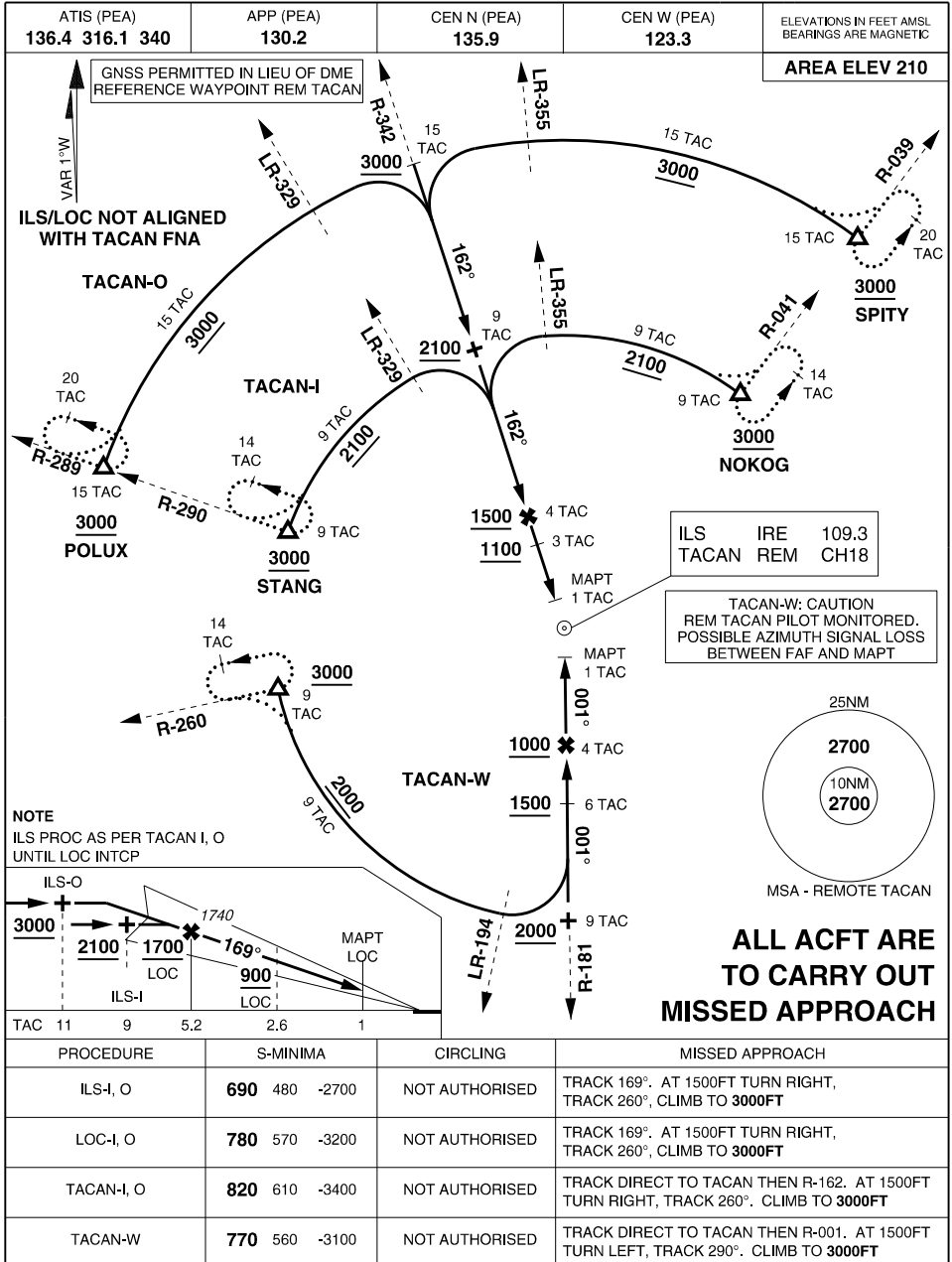
AIS-AF
MILITARY USE ONLY

REMOTE
TACAN-W

MILITARY USE ONLY

S31 16.41 E115 49.74
PANS-OPS, WGS 84

COMPOSITE REMOTE



CHANGES: SPITY, NOKOG, POLUX HOLD RADIAL, ILS/LOC REVISED PROCEDURES

13 JUN 24

ACG

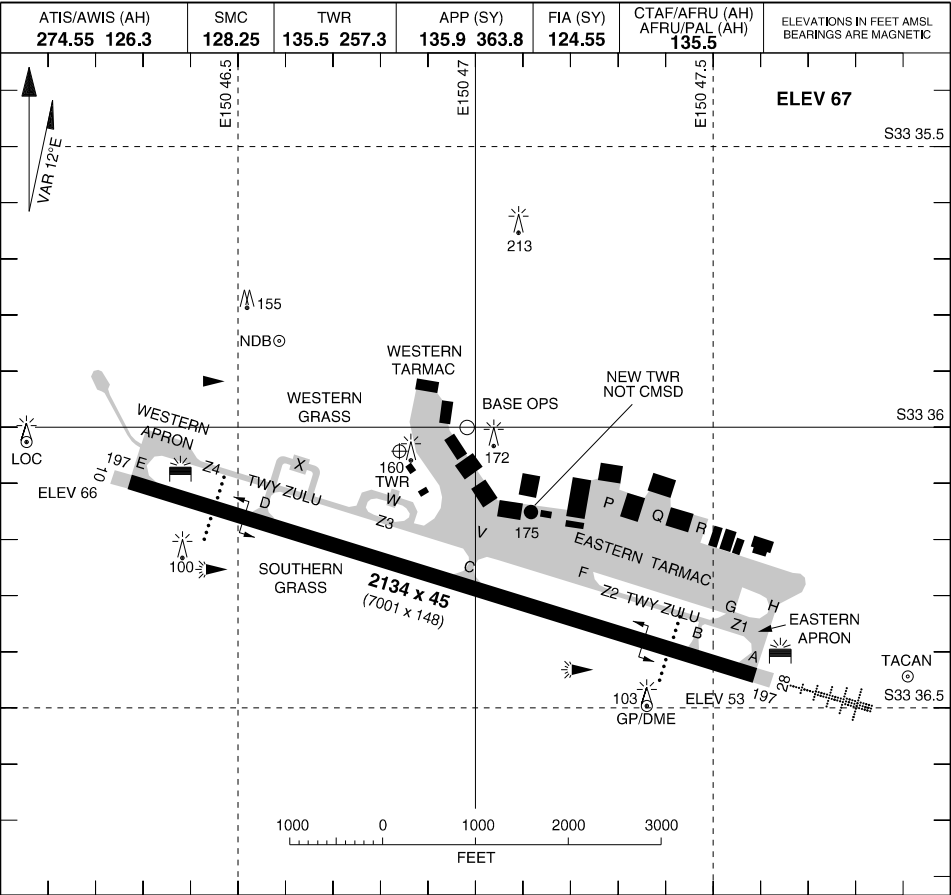
MILITARY USE ONLY

**REMOTE
COMPOSITE**

MILITARY USE ONLY

AERODROME CHART
RICHMOND (YSRI)

S33 36.04 E150 46.84
PANS-OPS, WGS 84



LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
10 (095°)	PAPI (6) 3.00° 47FT	GREEN	HIRL (6)	
28 (275°)	HIAL-CAT1 (6) SEQUENCED FLASHING LIGHTS PAPI (6) 3.00° 48FT	GREEN	HIRL (6)	
OBSTRUCTION EMERG: PTBL ELECTRIC LGT 15 MIN PN ILLUMINATED WIND INDICATOR TAXIWAY: C/L GREEN				1. LOW LEVEL CCTS PERMITTED ONLY ON N SIDE OF RWY OBSTRUCTIONS 1. RWY 28: WHITE HOUSE AND CHURCH (BOTH UNLIT) BETWEEN 3500FT AND 5000FT FM THR 2. RWY 10: NUMEROUS UNLIT OBSTR IN RICHMOND TOWNSHIP BETWEEN 1500FT AND 5000FT FM THR

CHANGES: PAPI & GP/DME PSN

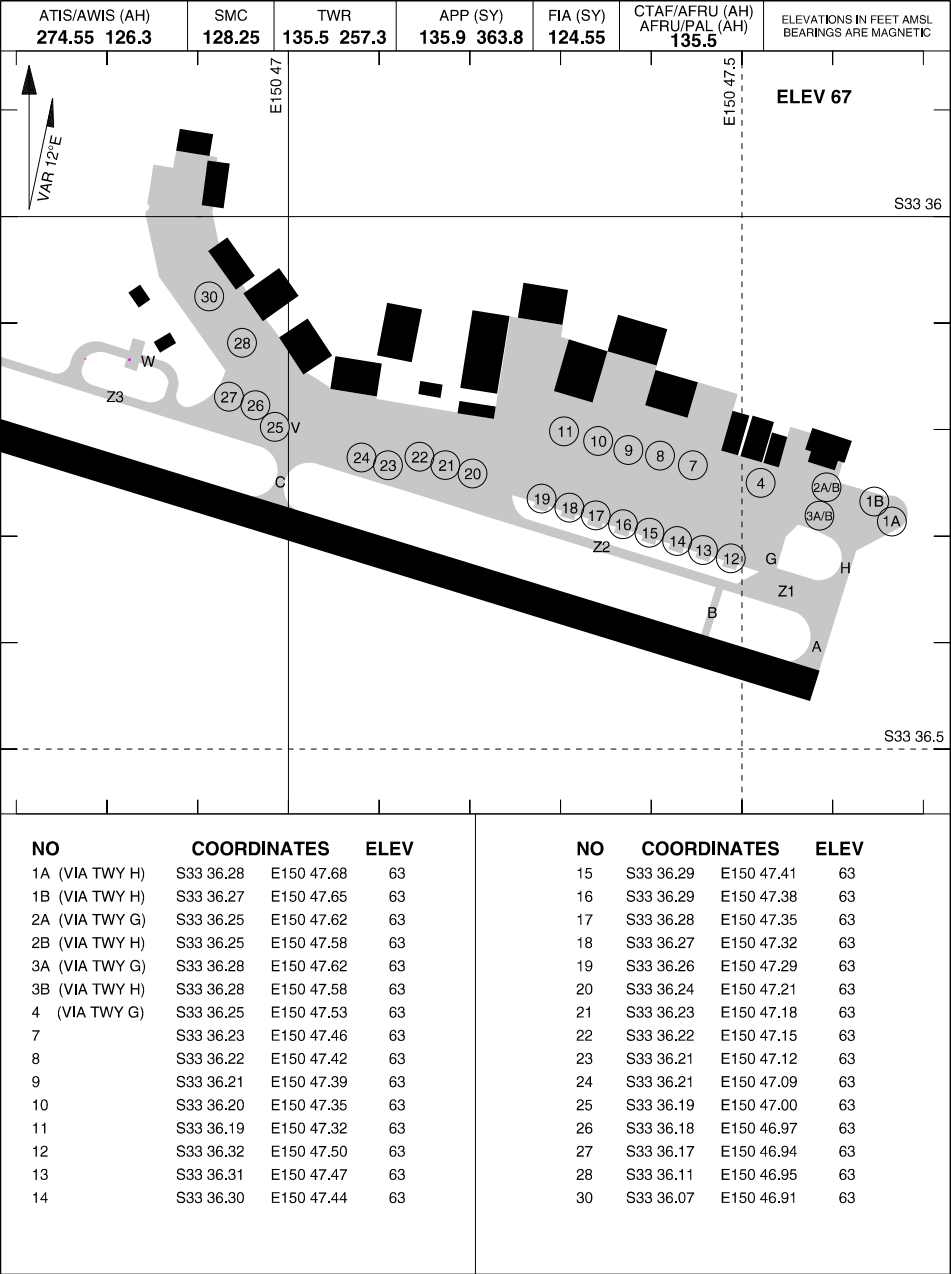
20 MAR 25

AIS-AF
MILITARY USE ONLY

RICHMOND (YSRI)
AERODROME CHART

S33 36.04 E150 46.84
PANS-OPS, WGS 84

APRON CHART
RICHMOND (YSRI)



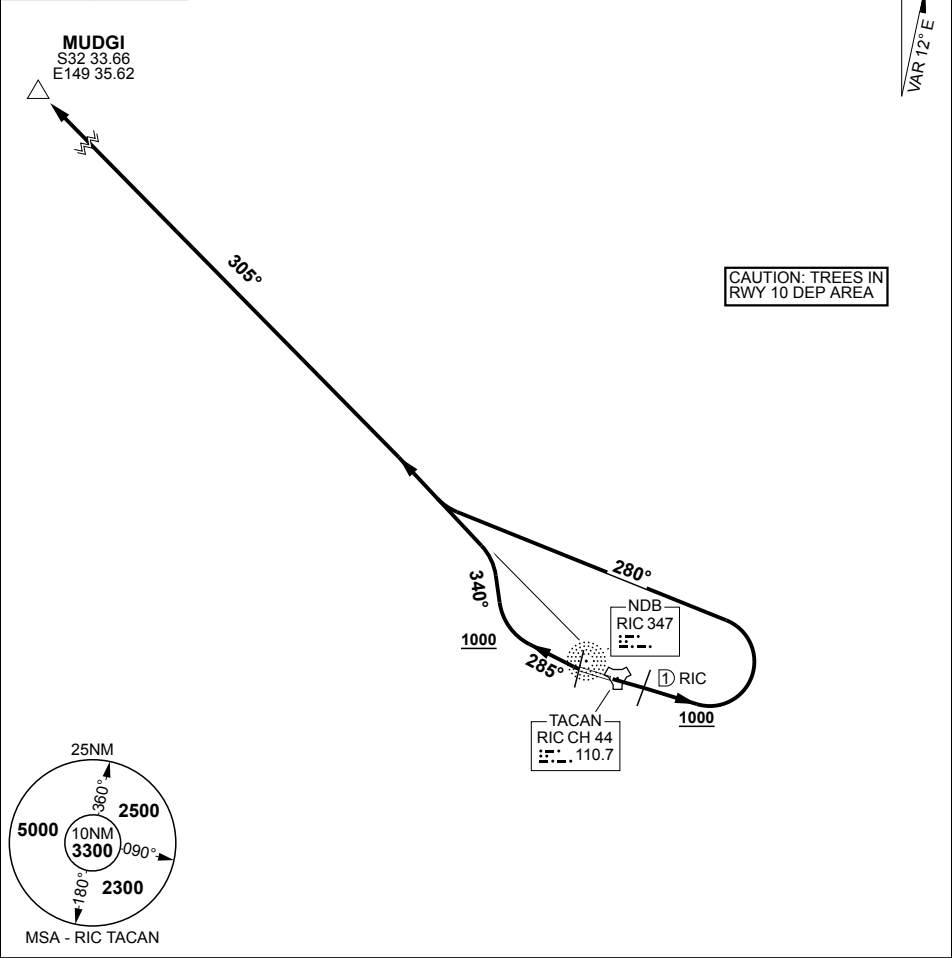
CHANGES: AFRU/PAL (AH)
28 NOV 24

PANS-OPS, WGS 84

SID RWYS NORTH
RICHMOND (YSRI)

ATIS/AWIS (AH) 126.3 274.55	SMC 128.25	TWR 135.5 257.3	APP (SY) 135.9 363.8	FIA (SY) 124.55	AFRU/PAL (AH) 135.5	CTAF/AFRU (AH) 135.5	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ELEV 67	
TLV FL110	TA 10000



MUDGI THREE

RWY 10

GRAD 3.3%, TRACK 095°, AT 1 TAC OR 1000FT, WHICHEVER IS LATER, TURN LEFT, TRACK 280°, INTERCEPT 305° FROM RIC NDB, TRACK TO MUDGI THEN AS CLEARED

RWY 28

GRAD 4.9% UNTIL 2600FT, THEN 3.3%, AT DER TURN RIGHT, TRACK 285°, AT 1000FT TURN RIGHT, TRACK 340°, INTERCEPT 305° FROM RIC NDB, TRACK TO MUDGI THEN AS CLEARED

CHANGES: AFRU/PAL (AH), REMOVE SCON (SCO) THREE DEPARTURE

28 NOV 24

S33 36.04 E150 46.84

AIS-AF
MILITARY USE ONLY

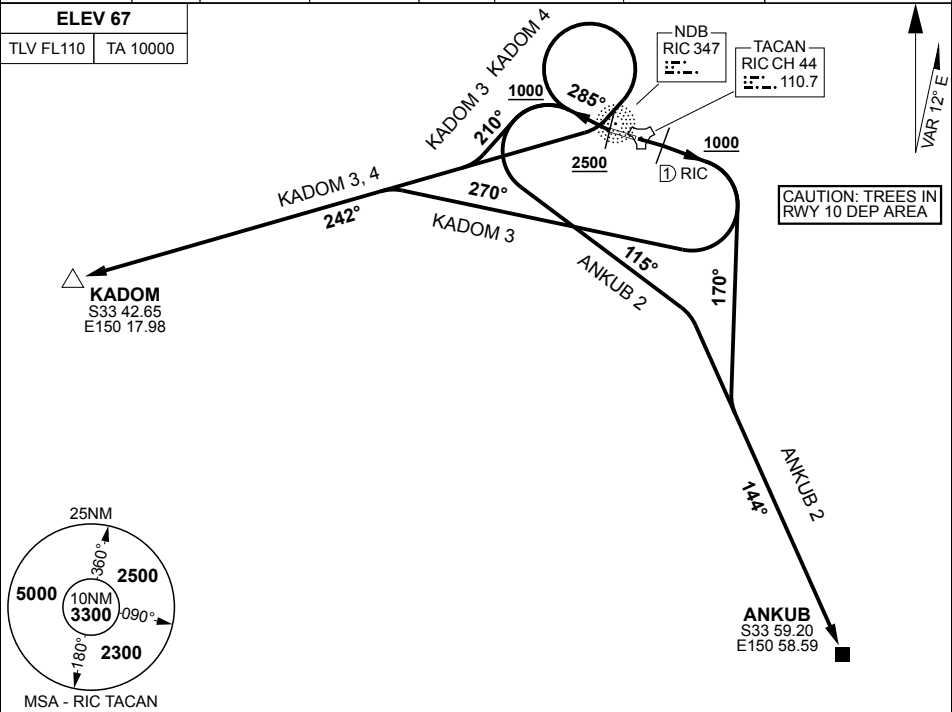
RICHMOND (YSRI)
SID RWYS NORTH

SID RWYS SOUTH
RICHMOND (YSRI)

PANS-OPS, WGS 84

ATIS/AWIS (AH) 126.3 274.55	SMC 128.25	TWR 135.5 257.3	APP (SY) 135.9 363.8	FIA (SY) 124.55	AFRU/PAL (AH) 135.5	CTAF/AFRU (AH) 135.5	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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ELEV 67	
TLV FL110	TA 10000



ANKUB TWO

RWY 10

GRAD 3.3%, TRACK 095°, AT 1 TAC OR 1000FT, WHICHEVER IS LATER, TURN RIGHT, TRACK 170°, INTERCEPT 144° FROM RIC NDB, TRACK TO ANKUB THEN AS CLEARED

RWY 28

GRAD 4.9% UNTIL 2600FT THEN 3.3%, AT DER TURN RIGHT, TRACK 285°, AT 1000FT, TURN LEFT, TRACK 115°, INTERCEPT 144° FROM RIC NDB, TRACK TO ANKUB THEN AS CLEARED

KADOM THREE

RWY 10

GRAD 3.3%, TRACK 095°, AT 1 TAC OR 1000FT, WHICHEVER IS LATER, TURN RIGHT, TRACK 270°, INTERCEPT 242° FROM RIC NDB, TRACK TO KADOM THEN AS CLEARED

RWY 28

GRAD 4.9% UNTIL 2600FT THEN 3.3%, AT DER TURN RIGHT, TRACK 285°, AT 1000FT, TURN LEFT, TRACK 210°, INTERCEPT 242° FROM RIC NDB, TRACK TO KADOM THEN AS CLEARED

KADOM FOUR

RWY 28

GRAD 4.9% UNTIL 2600FT THEN 3.3%, AT DER TURN RIGHT, TRACK 285°, AT 1000FT, TURN RIGHT, TRACK 210°, INTERCEPT 242° FROM RIC NDB, TRACK TO KADOM THEN AS CLEARED. **REQUIREMENT:** REACH 2500FT BY OVERHEAD OR ABEAM RIC

CHANGES: AFRU/PAL (AH)

S33 36.04 E150 46.84

28 NOV 24

**AIS-AF
MILITARY USE ONLY**

**RICHMOND (YSRI)
SID RWYS SOUTH**

ILS-Y or LOC-Y RWY 28 USING RIC TAC or IRI DME
PANS-OPS. WGS-84 **RICHMOND (YSRI)**

- MISSED APPROACH:**
TRACK 275°, AT 500FT TURN RIGHT, MAX IAS
IN TURN: 250KT. TRACK 020°, CLIMB TO
3300FT OR AS DIRECTED BY ATC.

GNSS PERMITTED IN LIEU OF DME REFERENCE WAYPOINTS - RIC TACAN or - IRI DME

TRACK IN	TIME	MNM ALT	DME LIMIT
180°		5000	14

ELMEN HOLDING
9 TAC R-360

TRACK IN	TIME	MNM ALT	DME LIMIT
050°		3300	5

HOLDING AT VOSSI TAC

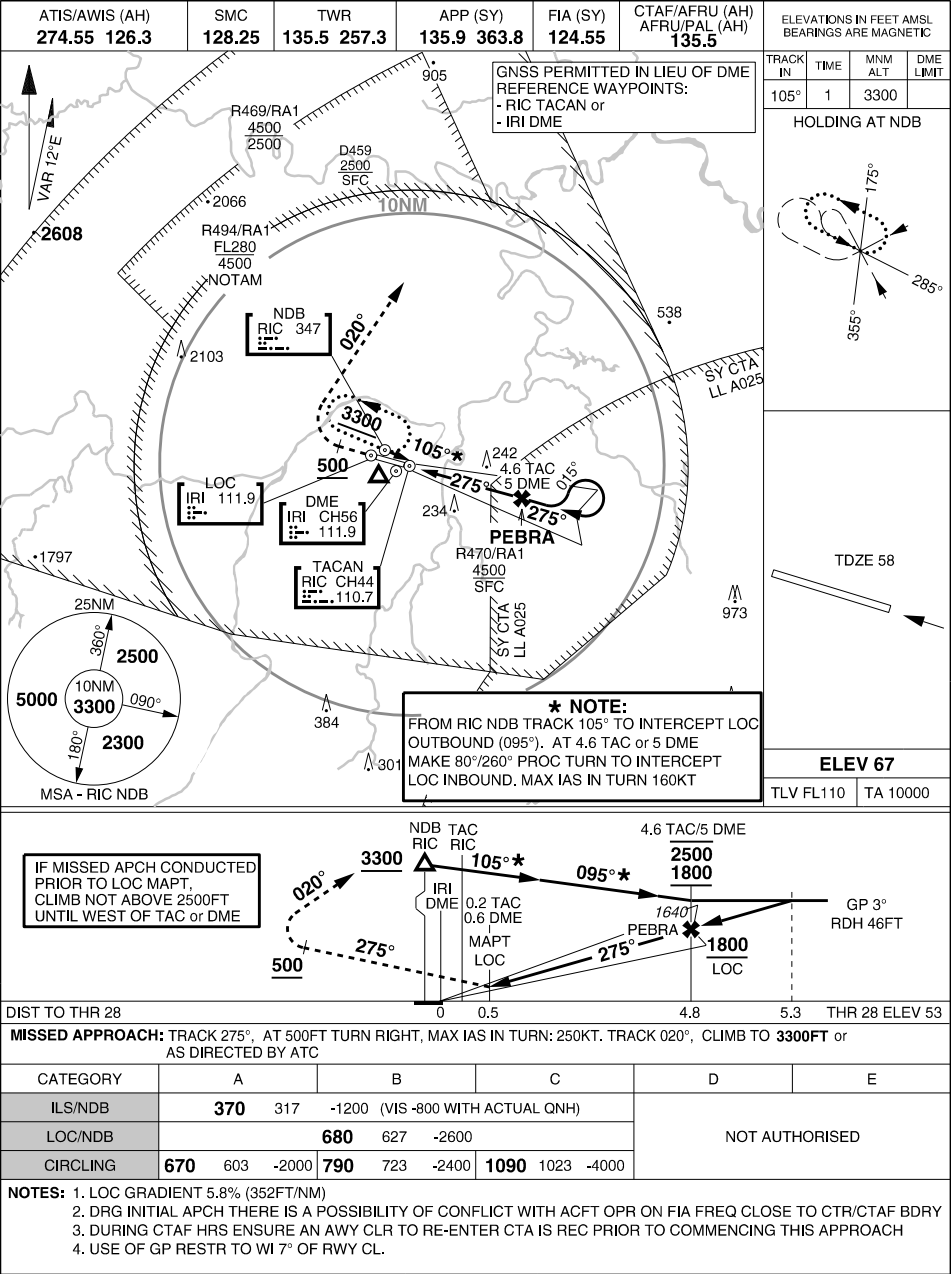
CAUTION: SY CTA LL A025 APRX 4NM EAST OF YSRI ARP. REFER TO SYD TAC

IF MISSED APCH CONDUCTED PRIOR TO LOC MAPT, CLIMB NOT ABOVE 2500FT UNTIL WEST OF RIC TAC or IRI DME

CATEGORY	A	B	C	D
S-ILS 28	370	317	1200m	(VIS -800 WITH ACTUAL QNH)
S-LOC 28	530	477	1800m	
CIRCLING	670 603 2000m	790 723 2400m	1090 1023 4000m	1090 1023 5000m

S33 36.04 E150 46.84

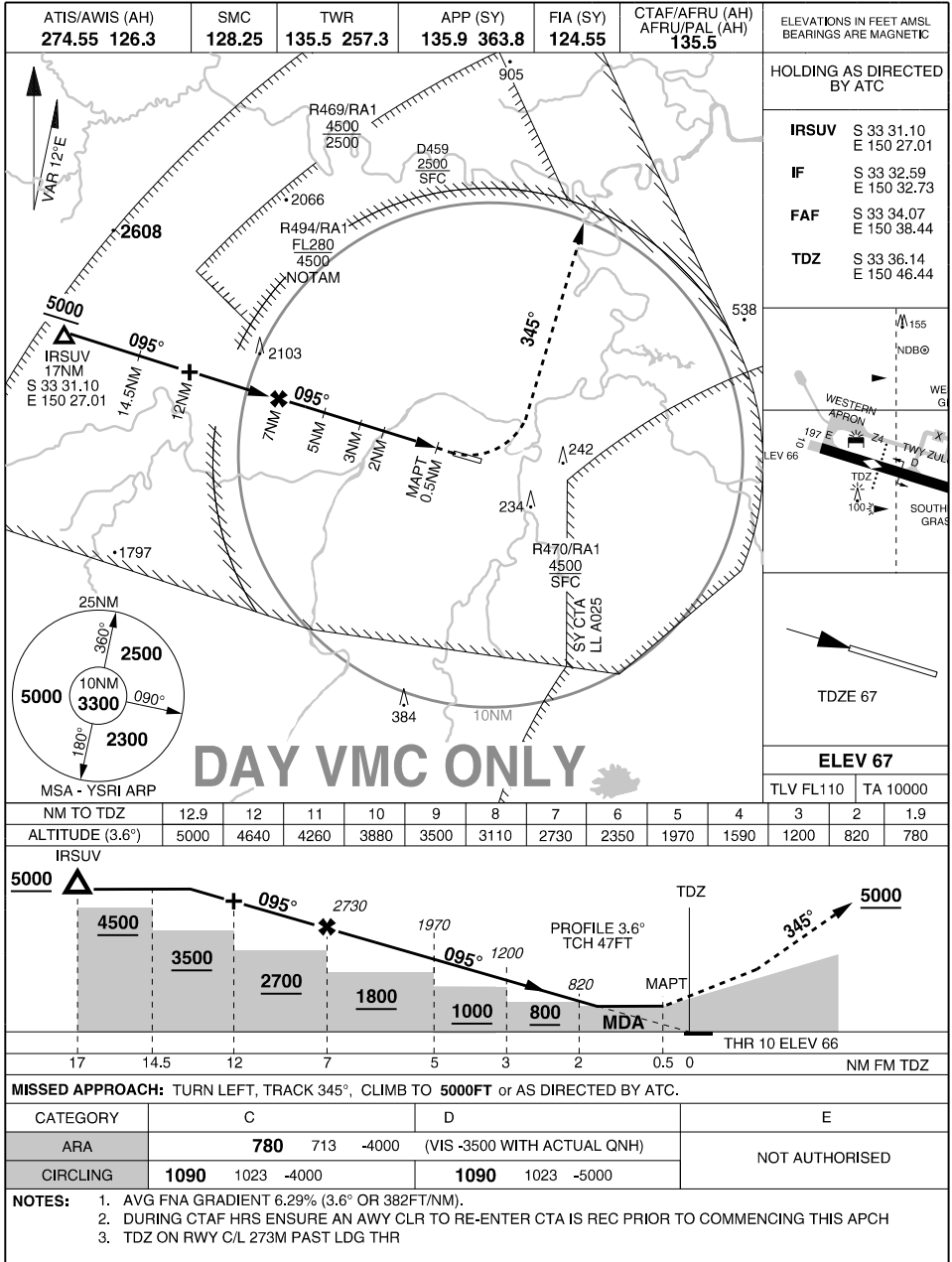
AL S33 36.04 E150 46.84 **RICHMOND (YSRI)**
 ILS-Y or LOC-Y RWY 28 USING RIC TAC or IRI DME
 AIS-AF: MILITARY USE ONLY



MILITARY USE ONLY

S33 36.04 E150 46.84
PANS-OPS, WGS 84, AATCP-1

ARA RWY 10 RICHMOND (YSRI)



CHANGES: RWY END DIAGRAM

20 MAR 25

AIS-AF
MILITARY USE ONLY

RICHMOND (YSRI)
ARA RWY 10

ARA RWY 28
RICHMOND (YSRI)

ARA RWY 28
RICHMOND (YSRI)



ARA RWY 28
RICHMOND (YSRI)

ARA RWY 28
RICHMOND (YSRI)

ARA RWY 28
RICHMOND (YSRI)

**NDB-A or NDB/DME-A
RICHMOND (YSRI)**

ATIS/AWIS (AH) 274.55 126.3	SMC 128.25	TWR 135.5 257.3	APP (SY) 135.9 363.8	FIA (SY) 124.55	CTAf/AFRU (AH) AFRU/PAL (AH) 135.5	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC														
						<table border="1"> <tr> <th>TRACK IN</th> <th>TIME</th> <th>MNM ALT</th> <th>DME LIMIT</th> </tr> <tr> <td>205°</td> <td>1</td> <td>2500</td> <td></td> </tr> </table>	TRACK IN	TIME	MNM ALT	DME LIMIT	205°	1	2500							
TRACK IN	TIME	MNM ALT	DME LIMIT																	
205°	1	2500																		
HOLDING AT NDB																				
MAX IAS: 185KT																				
ELEV 67						<table border="1"> <tr> <td>TLV FL110</td> <td>TA 10000</td> </tr> </table>	TLV FL110	TA 10000												
TLV FL110	TA 10000																			
MISSED APPROACH: TRACK 200° FROM NDB, CLIMB TO 2500FT or AS DIRECTED BY ATC, AT 2000FT TURN RIGHT, TRACK DIRECT TO NDB																				
<table border="1"> <tr> <th>CATEGORY</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> </tr> <tr> <td>CIRCLING - NDB/DME</td> <td>790 723 -2400</td> <td></td> <td>1090 1023 -4000</td> <td>1140 1073 -5000</td> </tr> <tr> <td>CIRCLING - NDB ONLY</td> <td>1040 973 -2000</td> <td>1040 973 -2400</td> <td></td> <td></td> </tr> </table>						CATEGORY	A	B	C	D	CIRCLING - NDB/DME	790 723 -2400		1090 1023 -4000	1140 1073 -5000	CIRCLING - NDB ONLY	1040 973 -2000	1040 973 -2400		
CATEGORY	A	B	C	D																
CIRCLING - NDB/DME	790 723 -2400		1090 1023 -4000	1140 1073 -5000																
CIRCLING - NDB ONLY	1040 973 -2000	1040 973 -2400																		
NOTES: 1. MAX IAS ENTIRE PROCEDURE: 185KT. 2. 80/260 PROC TURN MANDATORY FOR OVERHEAD REVERSAL. 3. BRG OSCILLATIONS MAY OCCUR IN THE LETDOWN AREA OUTSIDE 6 NM. 4. HLDG UNAVBL DURING CTAf HRS.																				

28 NOV 24

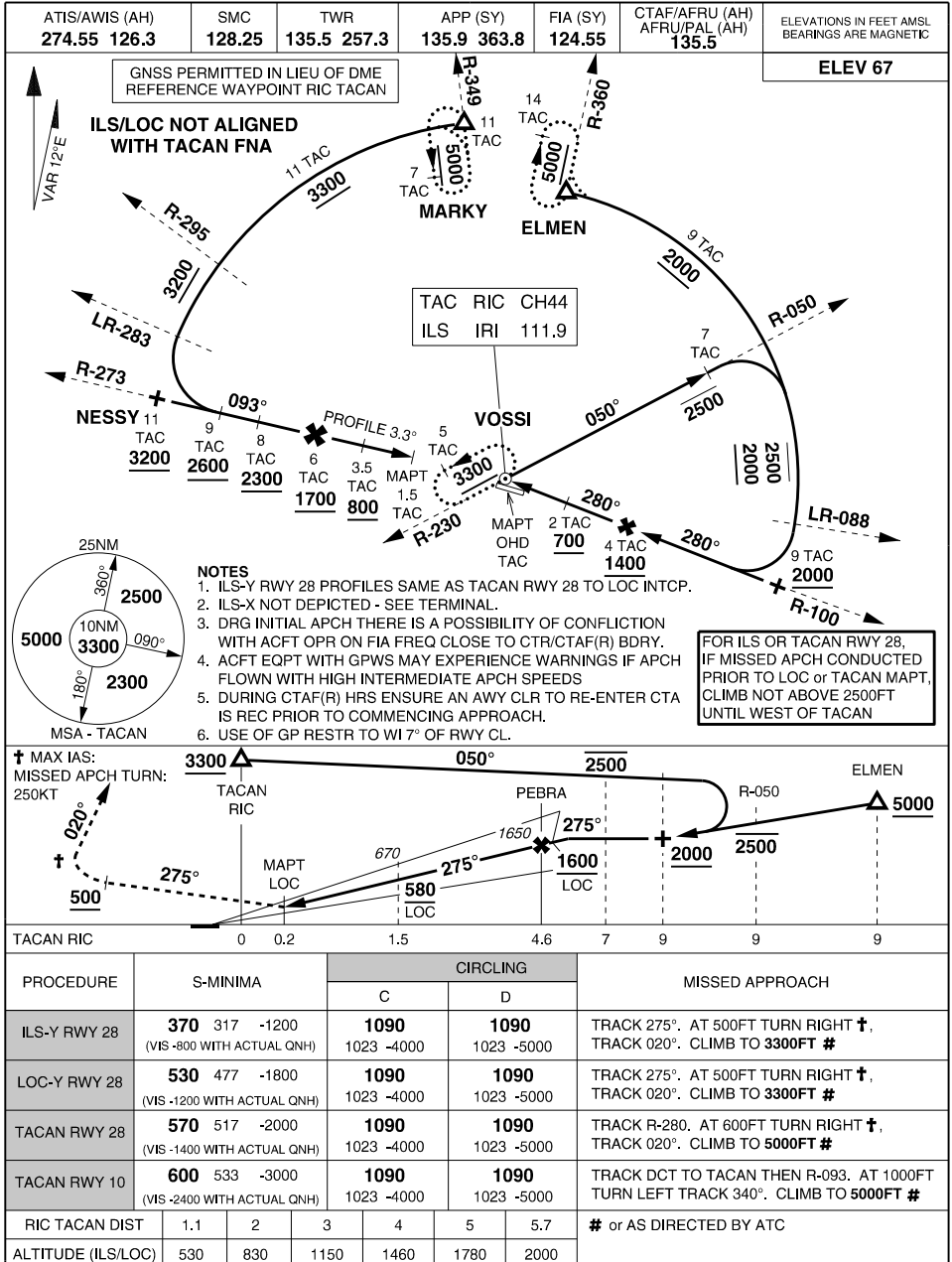
AIS-AF
MILITARY USE ONLY

RICHMOND (YSRI)
NDB-A or NDB/DME-A

MILITARY USE ONLY

S33 36.04 E150 46.84
PANS-OPS, WGS 84

COMPOSITE
RICHMOND (YSRI)



CHANGES: GP RESTR

20 MAR 25

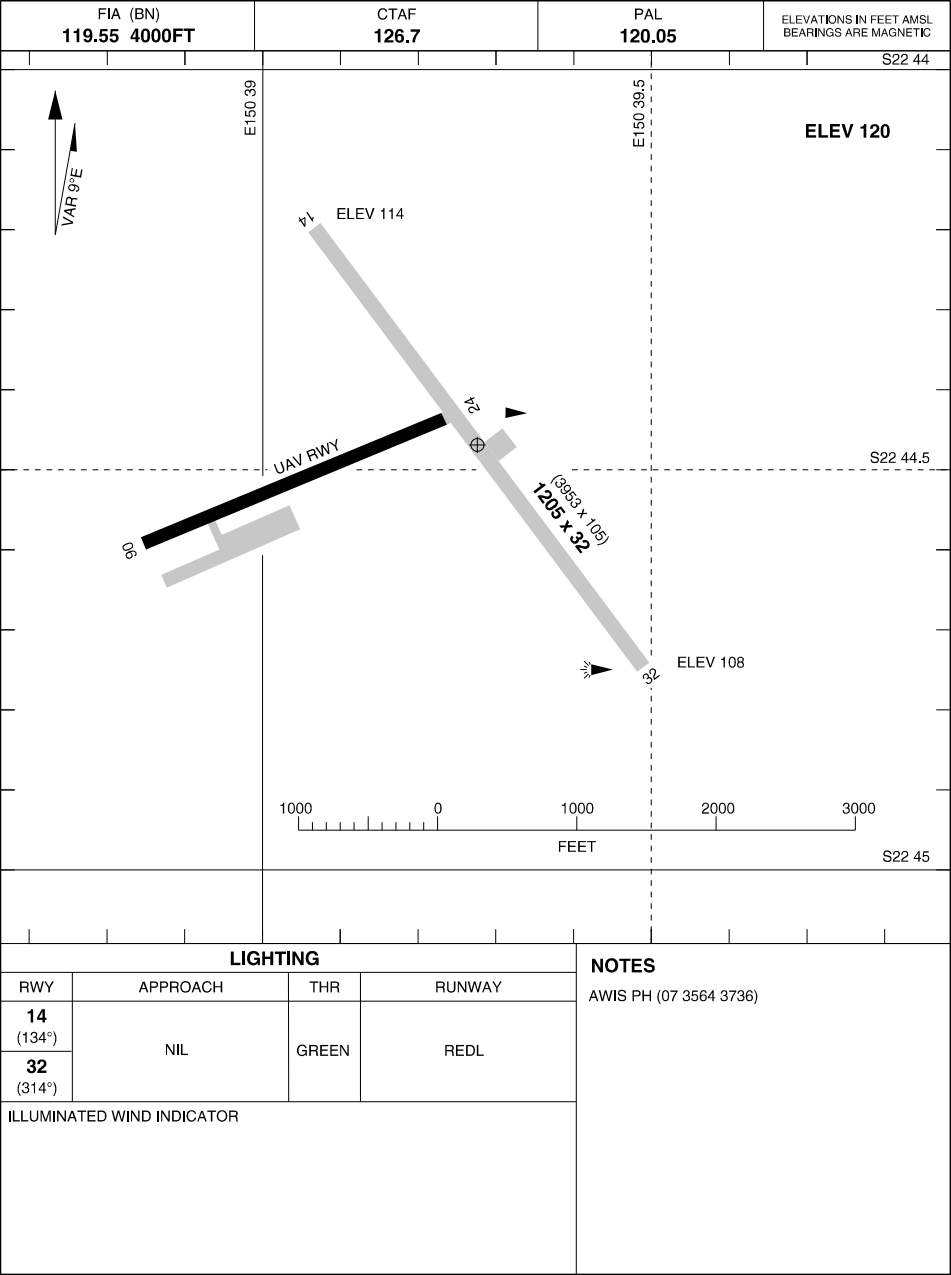
ACG
MILITARY USE ONLY

RICHMOND (YSRI)
COMPOSITE

MILITARY USE ONLY

S22 44.46 E150 39.28
PANS-OPS, WGS 84

AERODROME CHART
SAMUEL HILL (YSMH)



CHANGES: AD AND THR ELEV, RWY LEN

25 MAR 21

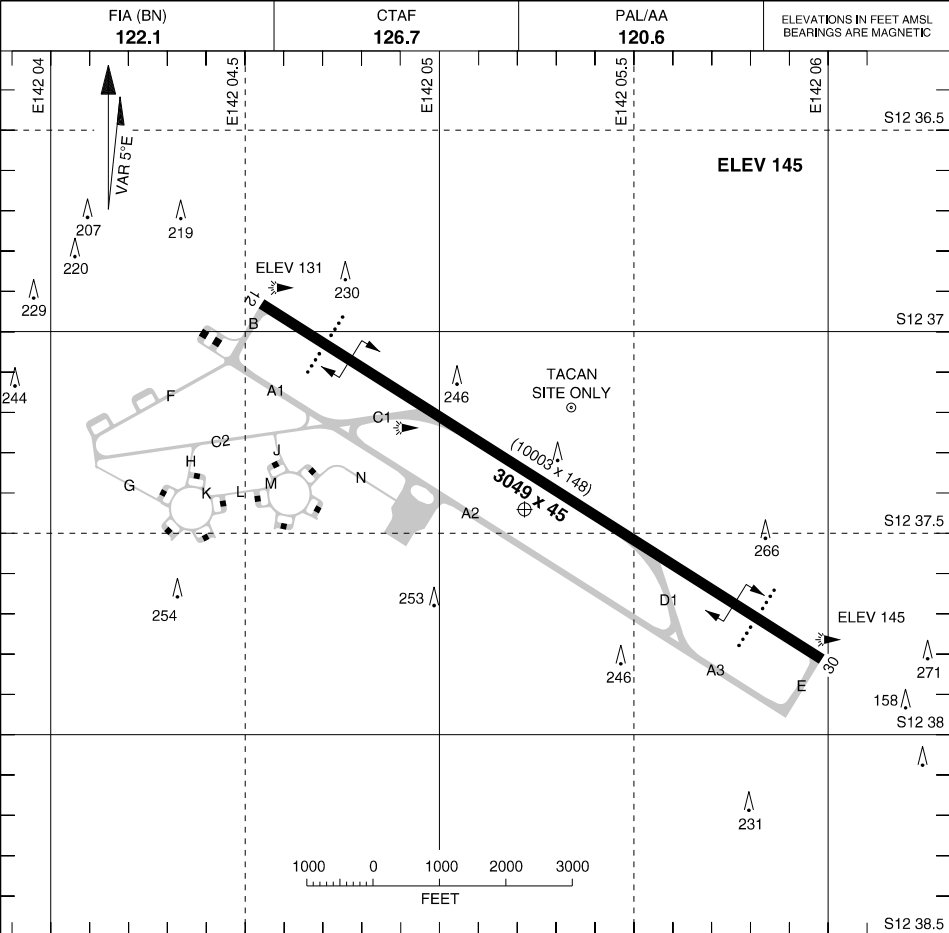
AIS-AF
MILITARY USE ONLY

SAMUEL HILL (YSMH)
AERODROME CHART

MILITARY USE ONLY

S12 37.44 E142 05.24
PANS-OPS, WGS 84

AERODROME CHART
SCHERGER (YBSG)



LIGHTING				NOTES PORTABLE HOOK ARRESTOR SYSTEM
RWY	APPROACH	THR	RUNWAY	
12 (116°)	PAPI 3.00° 48FT	GREEN	MIRL (3)	
30 (296°)				
TAXIWAY: CENTRELINE GREEN ILLUMINATED WIND INDICATOR SDBY PWR AVBL				

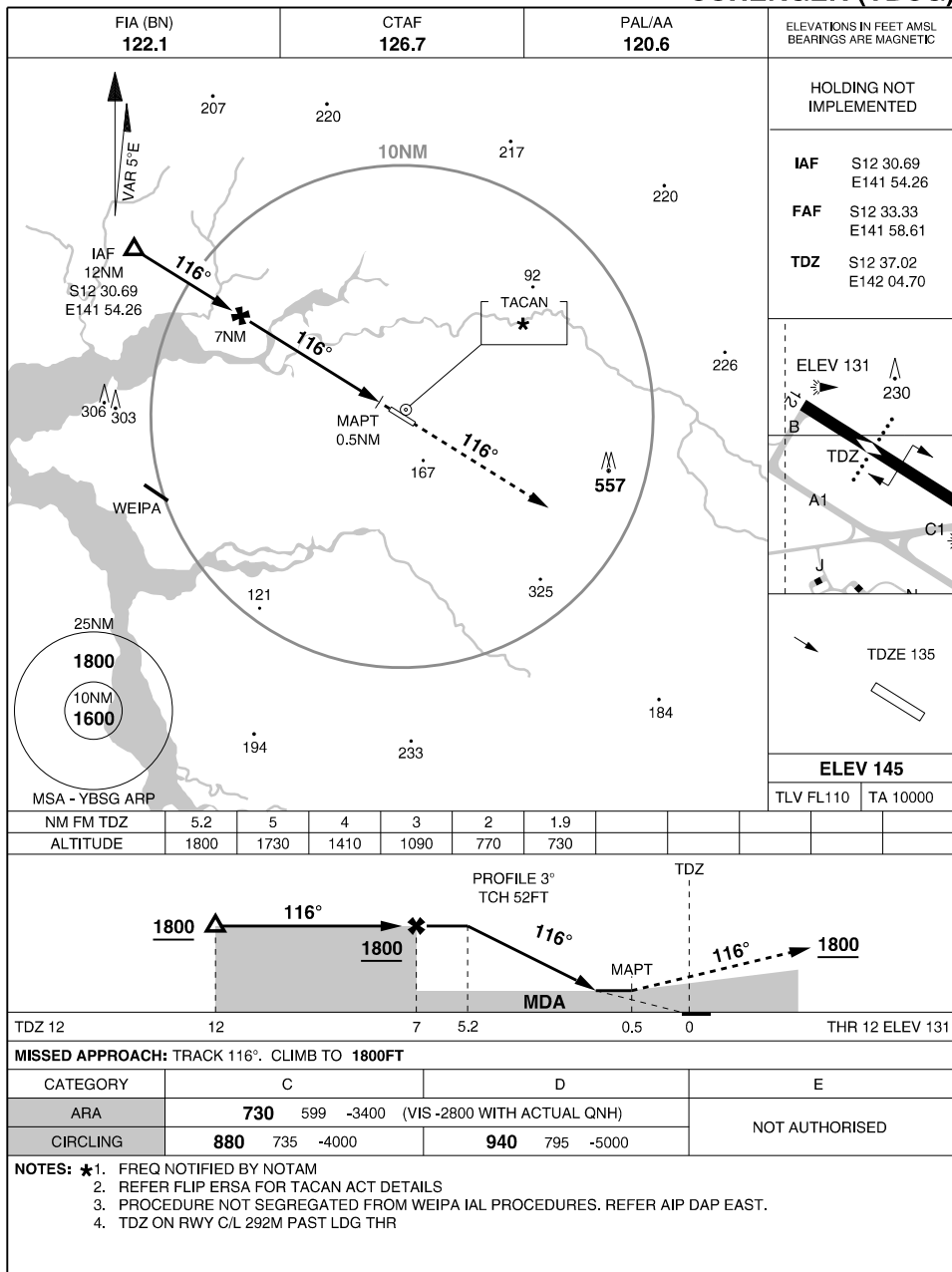
CHANGES: PAL/AA, SDBY PWR NOTE

01 DEC 22

AIS-AF
MILITARY USE ONLY

SCHERGER (YBSG)
AERODROME CHART

ARA RWY 12
SCHERGER (YBSG)



CHANGES: RWY END DIAGRAM

20 MAR 25

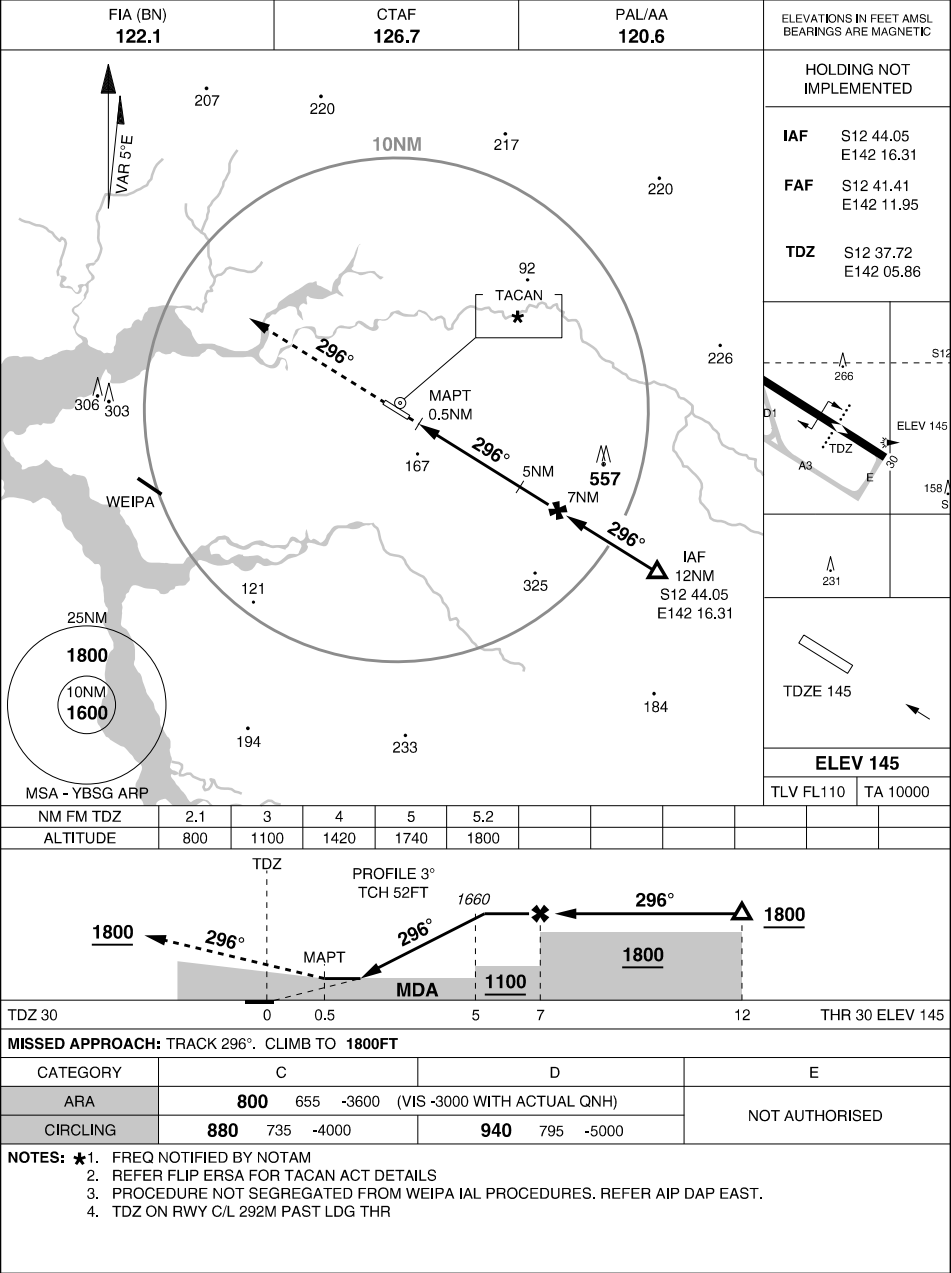
AIS-AF
MILITARY USE ONLY

SCHERGER (YBSG)
ARA RWY 12

MILITARY USE ONLY

S12 37.44 E142 05.24
PANS-OPS, WGS 84, AATCP-1

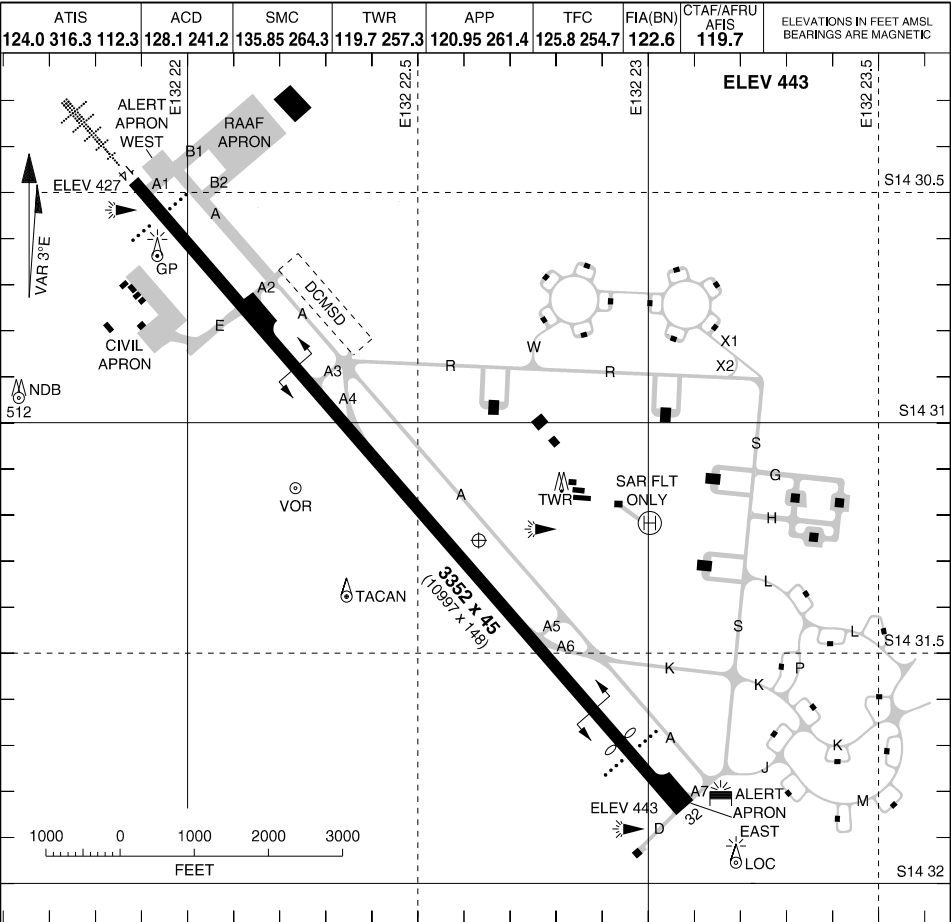
ARA RWY 30
SCHERGER (YBSG)



MILITARY USE ONLY

AERODROME CHART
TINDAL (YPTN)

S14 31.26 E132 22.67
PANS-OPS, WGS 84



LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
14 (136°)	HIAL PAPI (6) 3.00° 57FT		HIRL	
32 (316°)	PAPI (6) 3.00° 57FT			
TAXIWAY: CENTRELINE GREEN ILLUMINATED WIND INDICATOR				

CHANGES: THR ELEV
20 MAR 25

AIS-AF
MILITARY USE ONLY

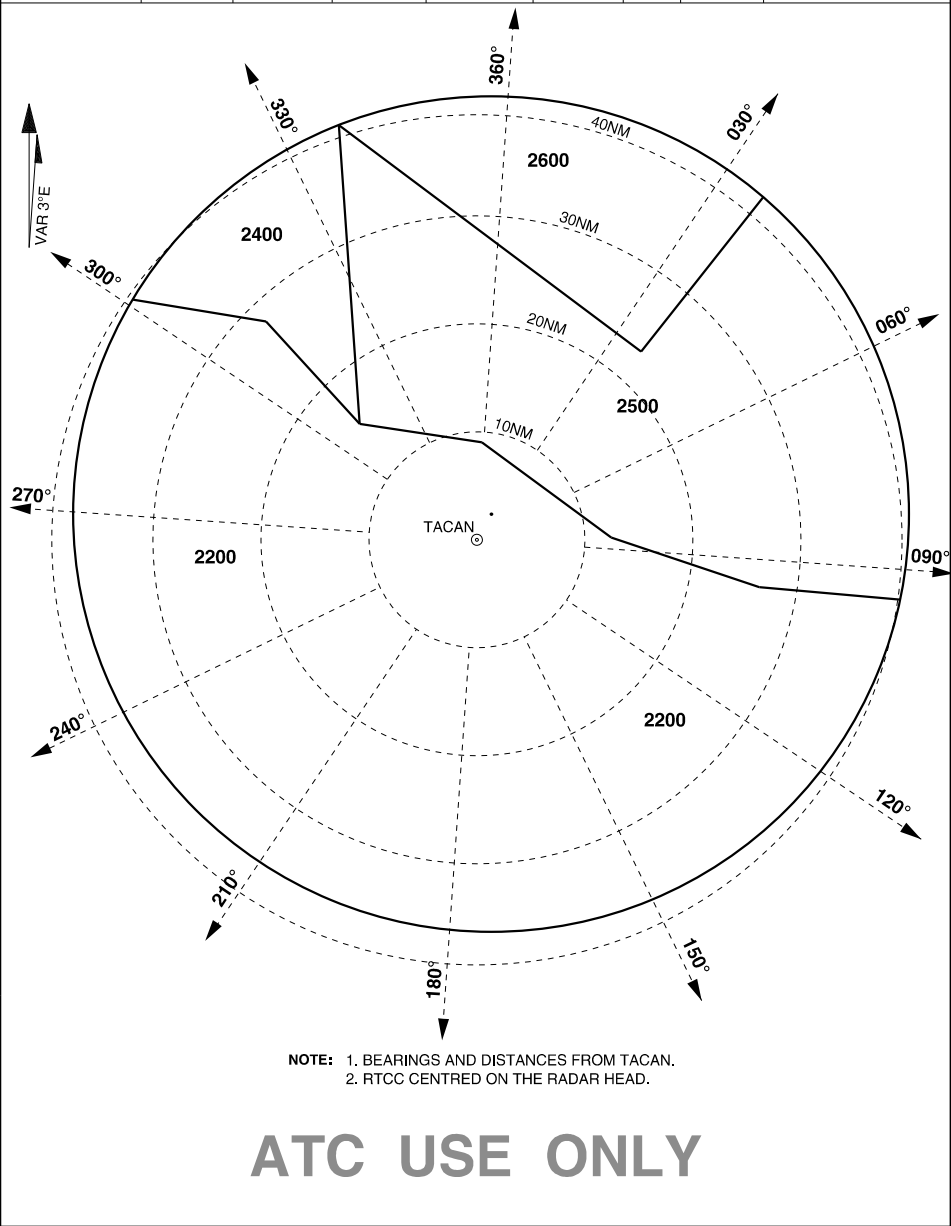
TINDAL (YPTN)
AERODROME CHART

MILITARY USE ONLY

ATC USE ONLY

RTCC
TINDAL (YPTN)

ATIS	ACD	SMC	TWR	APP	TFC	FIA(BN)	CTAF/AFRU AFIS	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
124.0 316.3 112.3	128.1 241.2	135.85 264.3	119.7 257.3	120.95 261.4	125.8 254.7	122.6	119.7	



CHANGES: AFIS
21 MAR 24

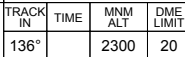
AIS-AF
MILITARY USE ONLY

TINDAL (YPTN)
RTCC

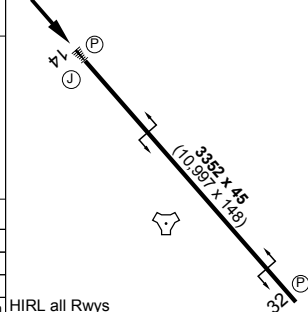
TINDAL (YPTN)

① ②

ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC



10.1 TDL	VINUG	2300	TLV FL110	TA 10000
9.2 ITN	4.6 TDL		THR ELEV 427	TDZE 427



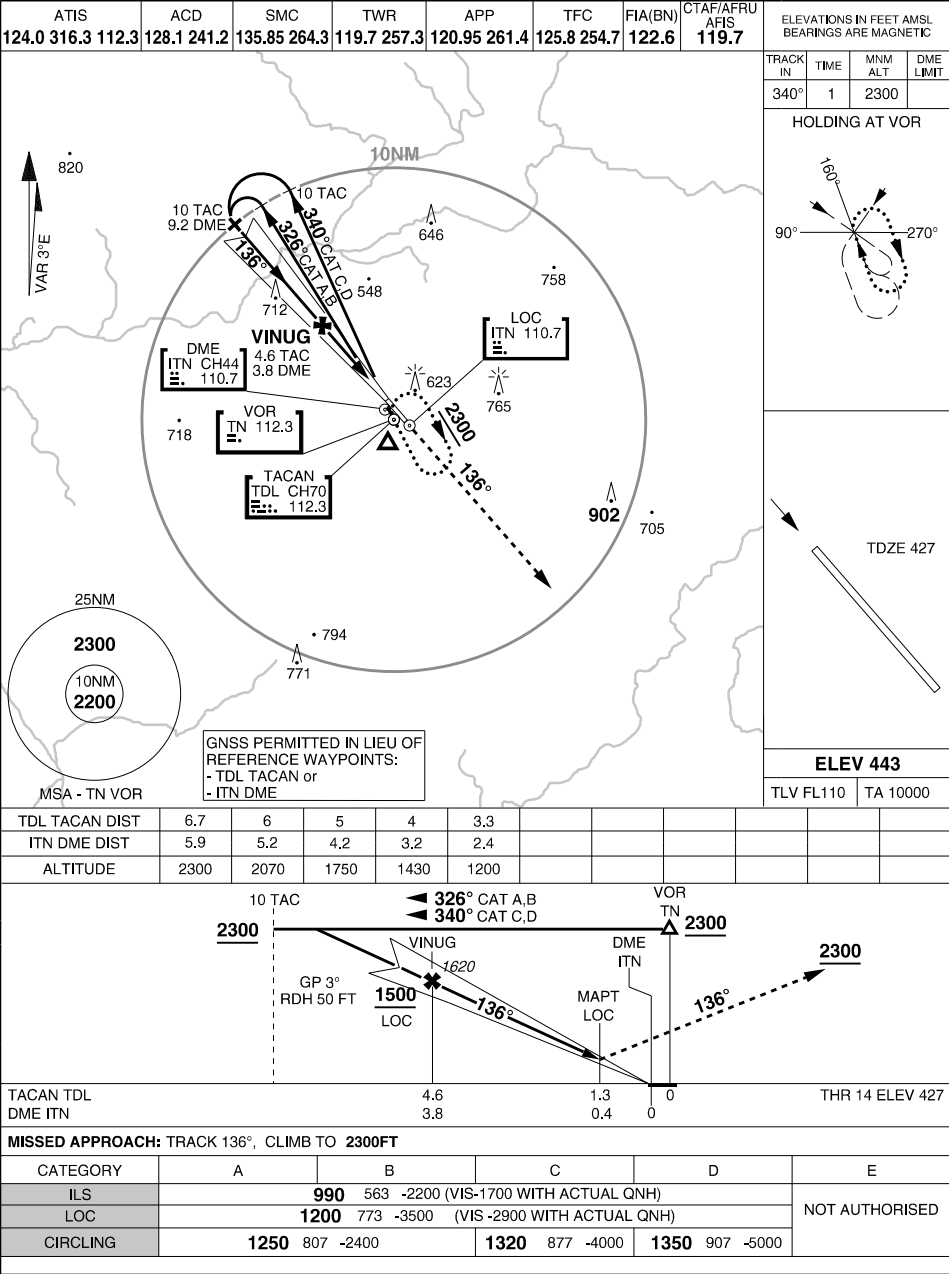
S14 31.26 E132 22.67

TORIAL	S14 31.26 E132 22.67	TINDAL (YPTN)
ILS Y OR LOG X DWY 14 USING TDI		TAG OR ITN DMF

AFS-AF: MILITARY USE ONLY

S14 31.26 E132 22.67
PANS-OPS, WGS 84

ILS-X OR LOC-X RWY 14 USING TDL TAC or ITN DME
TINDAL (YPTN)



CHANGES: ADD ILS, REVISED PROCEDURE

05 SEP 24

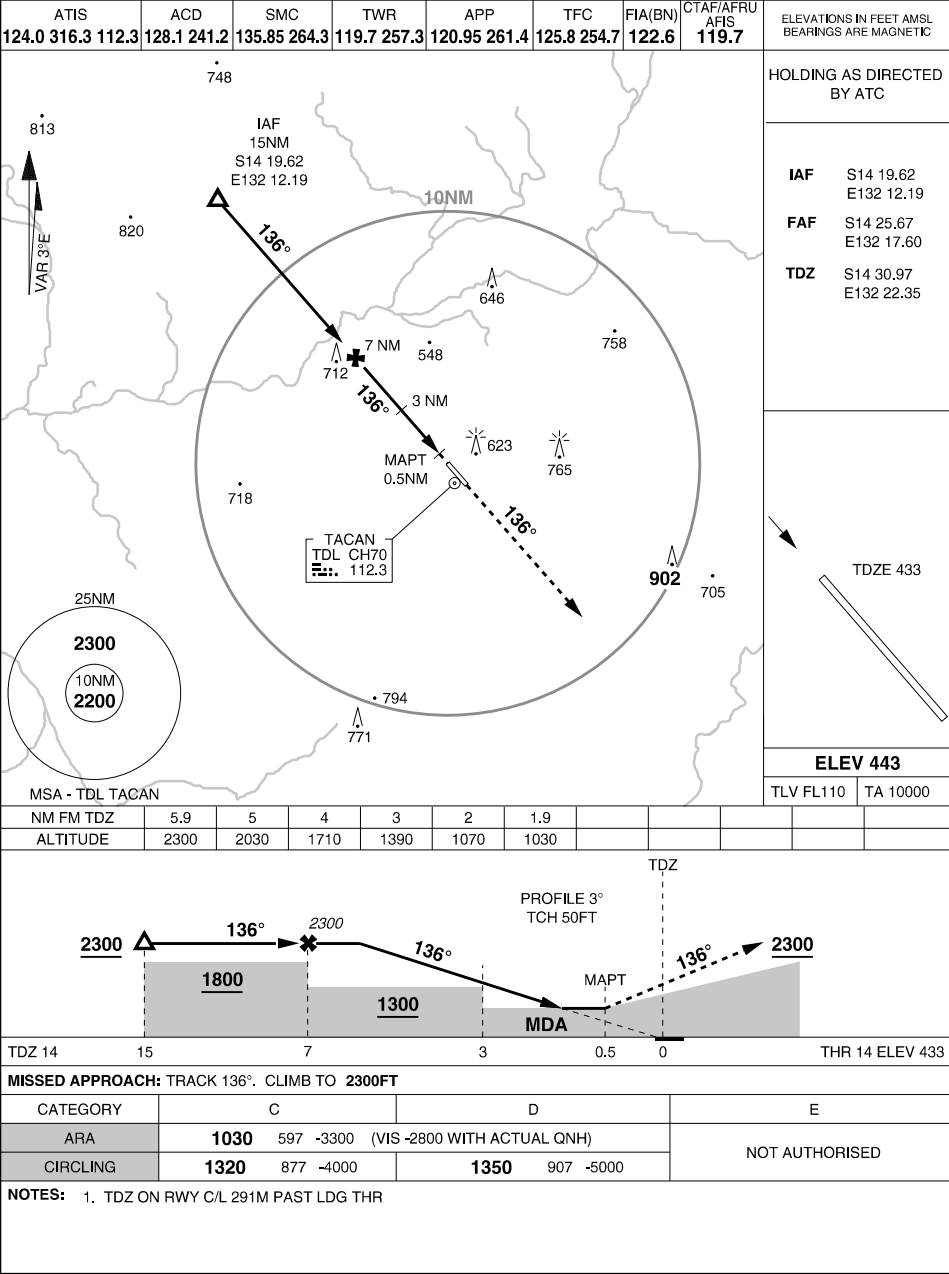
AIS-AF
MILITARY USE ONLY

TINDAL (YPTN)
ILS-X OR LOC-X RWY 14 USING TDL TAC or ITN DME

MILITARY USE ONLY

S14 31.26 E132 22.67
PANS-OPS, WGS 84, AATCP-1

ARA RWY 14
TINDAL (YPTN)



CHANGES: AFIS
21 MAR 24

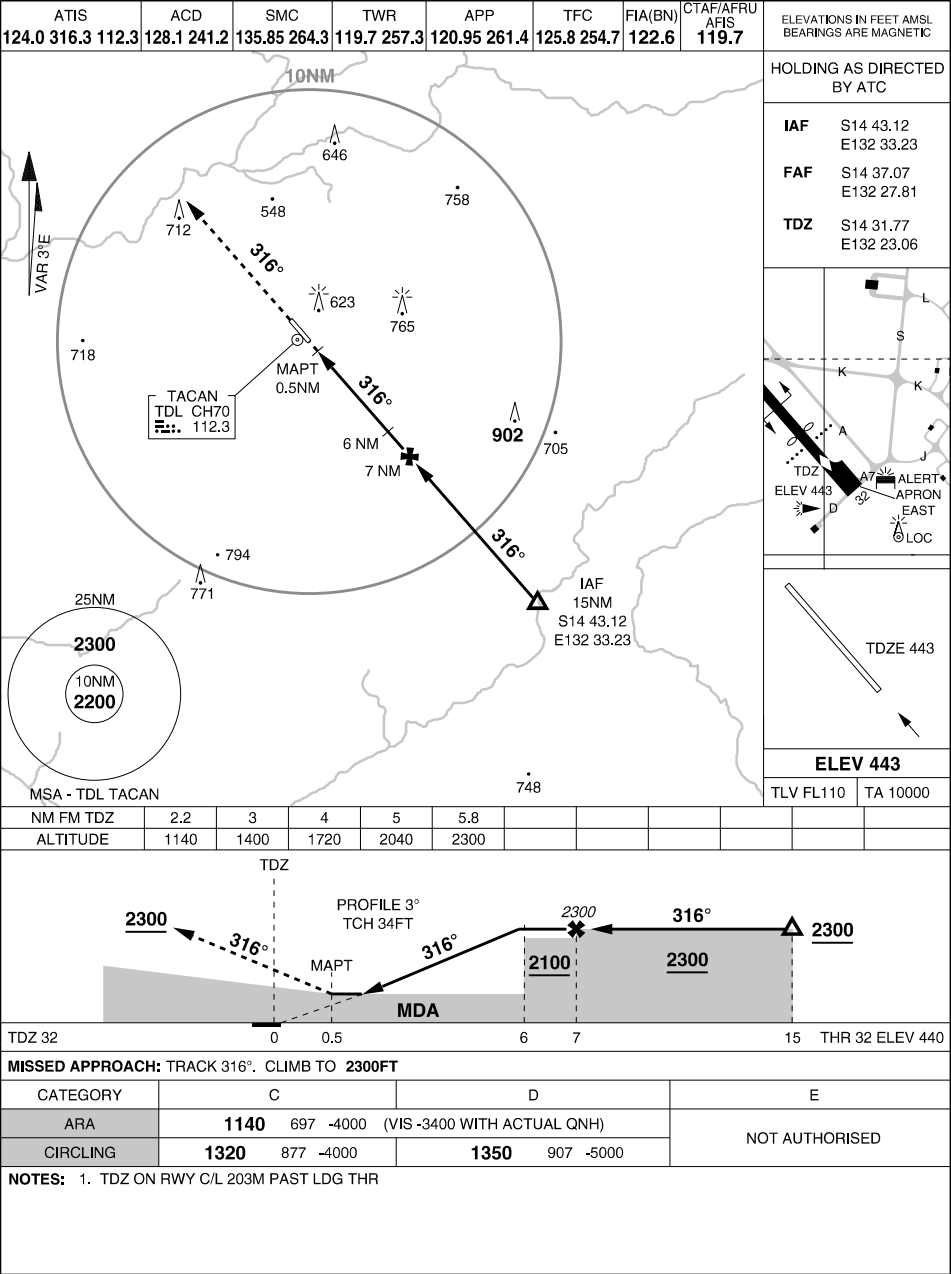
AIS-AF
MILITARY USE ONLY

TINDAL (YPTN)
ARA RWY 14

MILITARY USE ONLY

S14 31.26 E132 22.67
PANS-OPS, WGS 84, AATCP-1

ARA RWY 32
TINDAL (YPTN)



CHANGES: RWY END DIAGRAM, THR ELEV, TDZE

20 MAR 25

AIS-AF
MILITARY USE ONLY

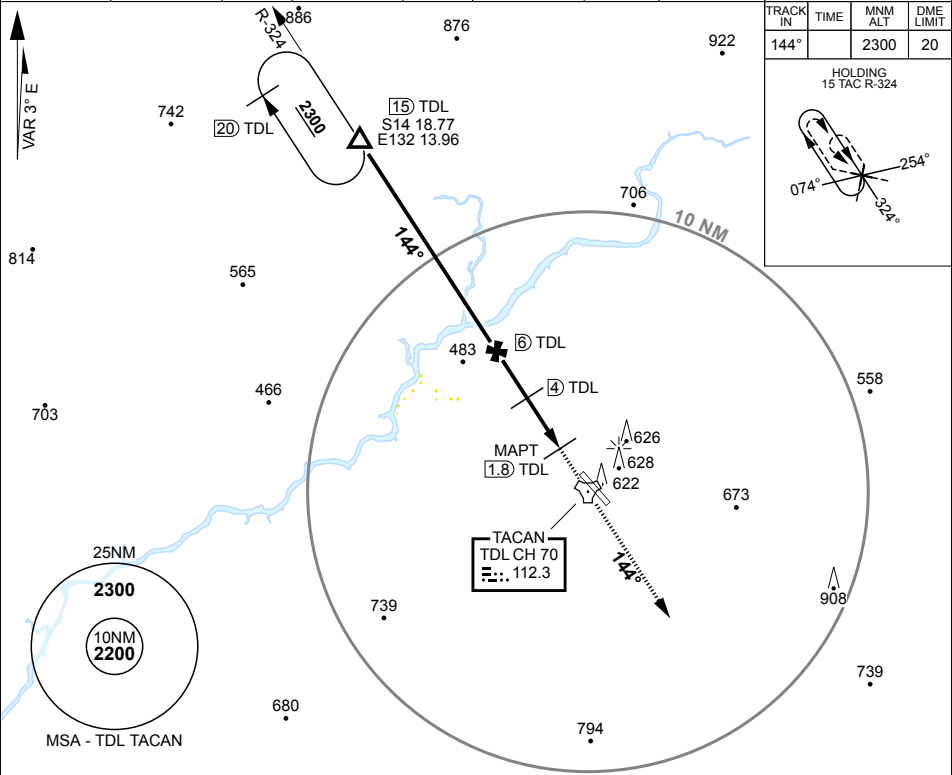
TINDAL (YPTN)
ARA RWY 32

TACAN TDL Chan 70	APCH CRS 144°	RWY LDG THR ELEV AD ELEV	8018 433 443
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PANS-OPS, WGS-84

TACAN RWY 14
TINDAL (YPTN)

				SALS (A2)	MISSED APPROACH: TRACK DIRECT TO TACAN THEN R-144, CLIMB TO 2300FT.			
ATIS 112.3 124.0 316.3	ACD 128.1 241.2	SMC 135.85 264.3	TWR 119.7 257.3	APP 120.95 261.4	TFC 125.8 254.7	FIA(BN) 122.6	CTAF/AFRU 119.7	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC



TDL TAC	6.3	6	5	4	3	2													
ALTITUDE	2300	2210	1890	1580	1260	940													

15

2300

3.00° ≥
TCH 50

144°

2210

2000

1400

MDA

MAPT

TDL TACAN

9 NM

2 NM

2.2 NM

1.3

↑

TDL

↑

TDL R-144

TLV FL110

TA 10000

THR ELEV 433

TDZE 433

2742 × 15
(8896 × 148)

32

CATEGORY	A		B		C		D	
S-14	940		507		2800m		(VIS -2200 WITH ACTUAL QNH)	
CIRCLING	1250		807		2400m		1320 877 4000m 1350 907 5000m	

HIRL all Rwys

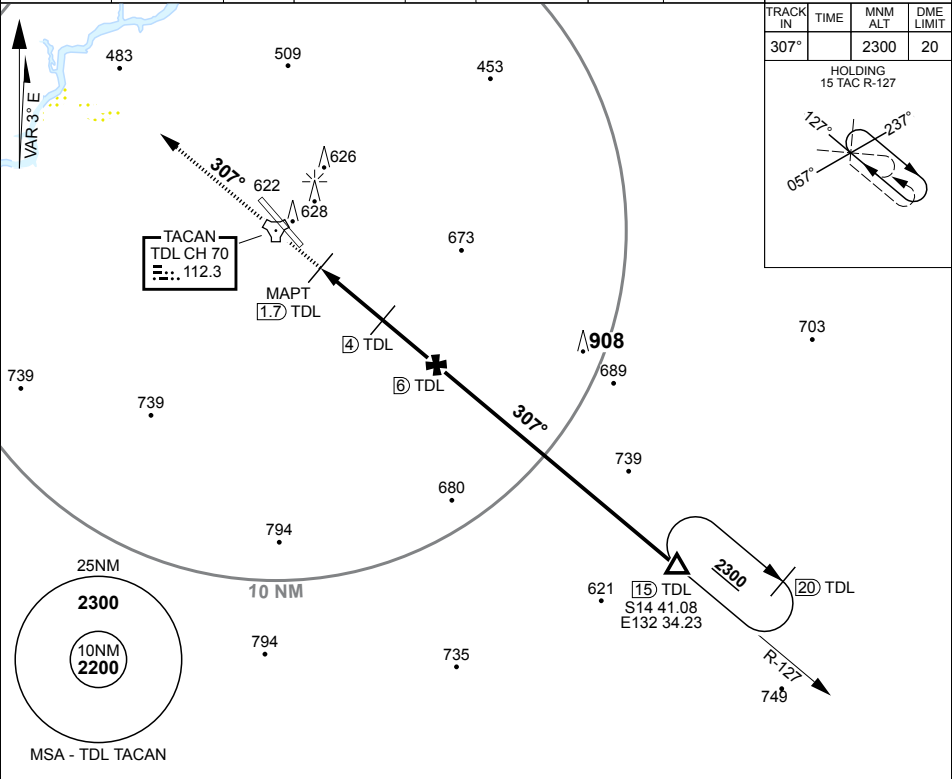
TACAN TDL Chan 70	APCH CRS 307°	RWY LDG THR ELEV AD ELEV	10,997 443 443
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PANS-OPS, WGS-84

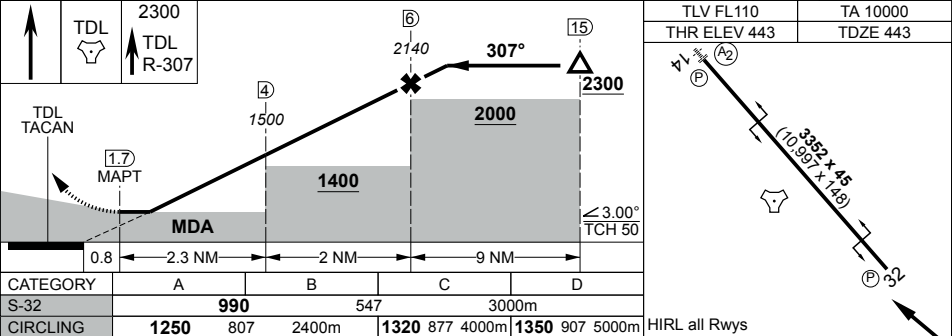
TACAN RWY 32
TINDAL (YPTN)

					MISSED APPROACH: TRACK DIRECT TO TACAN THEN R-307, CLIMB TO 2300FT.			
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ATIS 112.3 124.0 316.3	ACD 128.1 241.2	SMC 135.85 264.3	TWR 119.7 257.3	APP 120.95 261.4	TFC 125.8 254.7	FIA(BN) 122.6	CTAF/ AFRU/AFIS 119.7	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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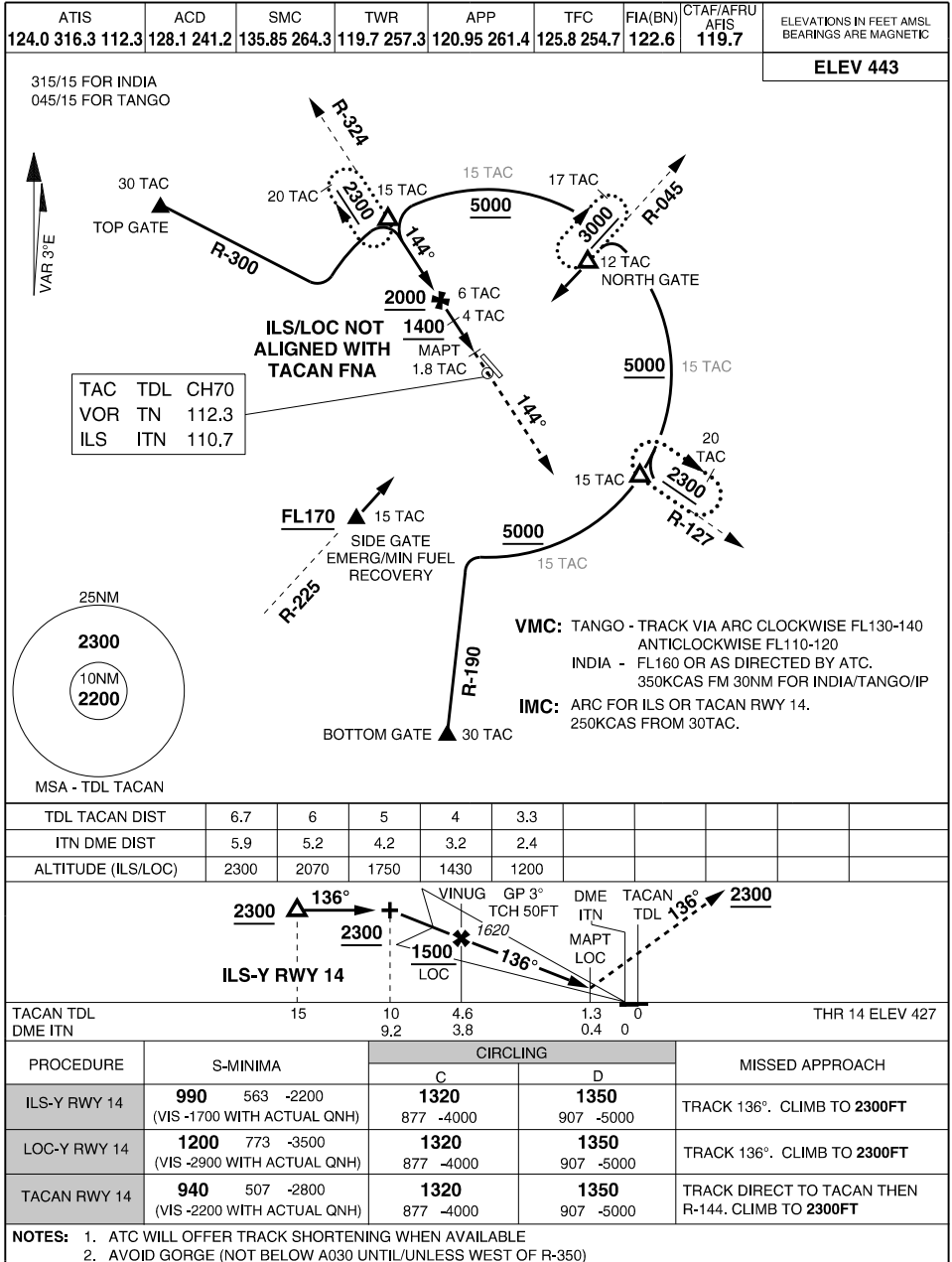
TDL TAC	2.4	3	4	5	6	6.5											
ALTITUDE	990	1180	1500	1820	2140	2300											



MILITARY USE ONLY

S14 31.26 E132 22.67
PANS-OPS, WGS 84

STEREO RWY 14
TINDAL (YPTN)



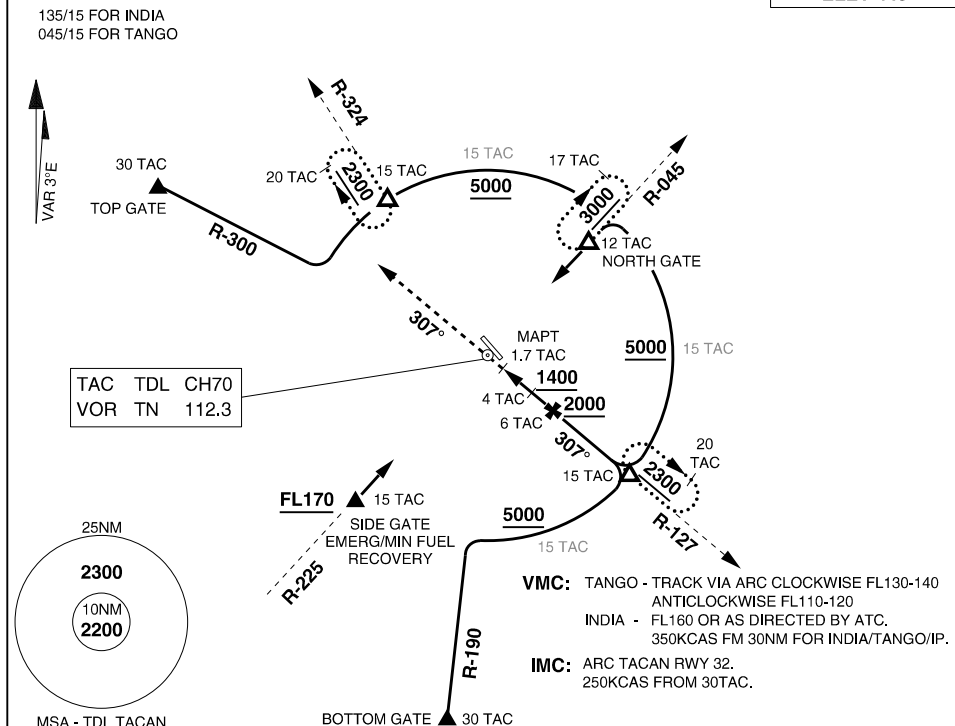
05 SEP 24

TINDAL (YPTN)
STEREO RWY 14

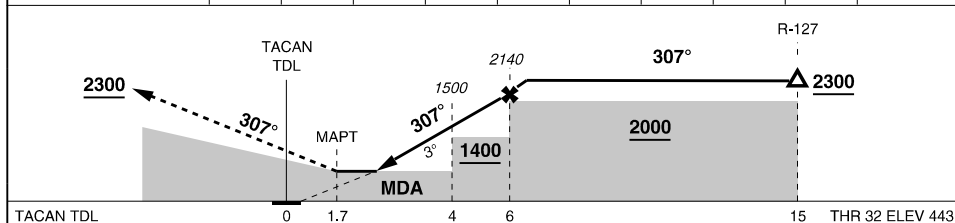
ACG
MILITARY USE ONLY

STEREO RWY 32
TINDAL (YPTN)

ATIS	ACD	SMC	TWR	APP	TFC	FA(BN)	CTAF/AFRU AFIS	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
124.0 316.3 112.3	128.1 241.2	135.85 264.3	119.7 257.3	120.95 261.4	125.8 254.7	122.6	119.7	
								ELEV 443



TDL TACAN DIST	2.4	3	4	5	6	6.5				
ALTITUDE	990	1180	1500	1820	2140	2300				



PROCEDURE	S-MINIMA	CIRCLING		MISSED APPROACH
		C	D	
TACAN RWY 32	990 547 -3000 (VIS -2400 WITH ACTUAL QNH)	1320 877 -4000	1350 907 -5000	TRACK DIRECT TO TACAN THEN R-307. CLIMB TO 2300FT

1. ATC WILL OFFER TRACK SHORTENING WHEN AVAILABLE
2. AVOID GORGE (NOT BELOW A030 UNTIL/UNLESS WEST OF R-350)

20 MAR 25

ACG
MILITARY USE ONLY

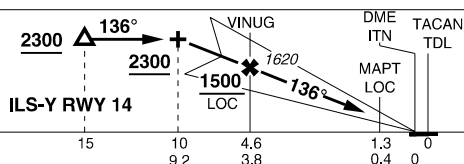
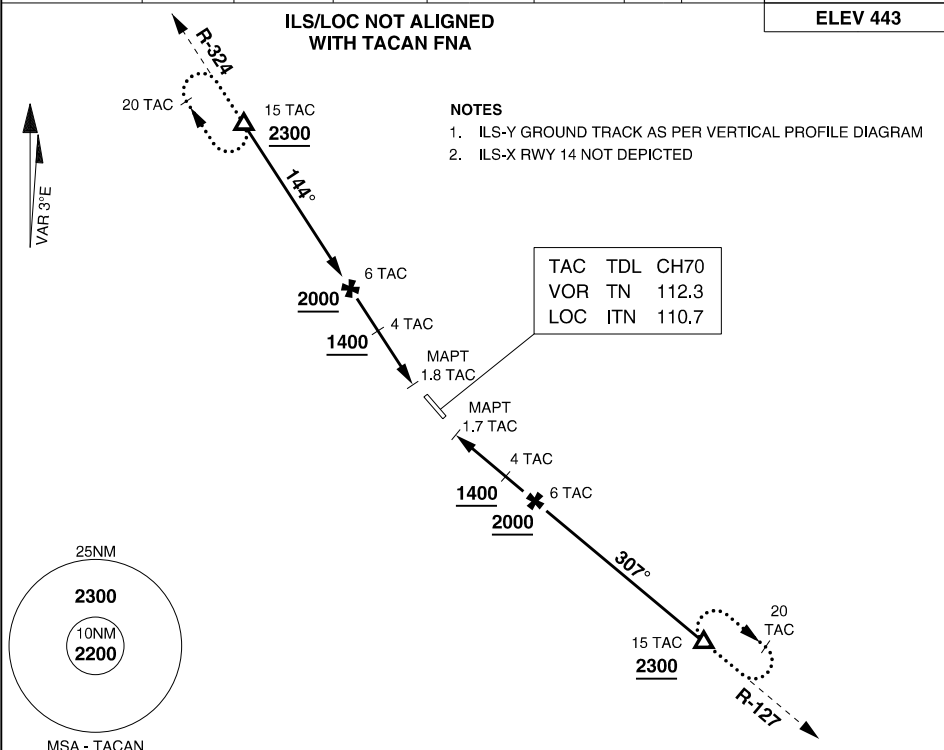
TINDAL (YPTN)
STEREO RWY 32

COMPOSITE
TINDAL (YPTN)

COMPOSITE
NDAL (YPTN)

ATIS	ACD	SMC	TWR	APP	TFC	FIA(BN)	CTAF/AFRU AFIS	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
124.0 316.3 112.3	128.1 241.2	135.85 264.3	119.7 257.3	120.95 261.4	125.8 254.7	122.6	119.7	

ELEV 443



PROCEDURE	S-MINIMA			CIRCLING				MISSED APPROACH			
				C		D					
ILS-Y RWY 14	990	563	-2200	1320		1350		TRACK 136°. CLIMB TO 2300FT			
	(VIS -1700 WITH ACTUAL QNH)			877 -4000		907 -5000					
LOC-Y RWY 14	1200	773	-3500	1320		1350		TRACK 136°. CLIMB TO 2300FT			
	(VIS -2900 WITH ACTUAL QNH)			877 -4000		907 -5000					
TACAN RWY 14	940	507	-2800	1320		1350		TRACK DIRECT TO TACAN THEN R-144. CLIMB TO 2300FT			
	(VIS -2200 WITH ACTUAL QNH)			877 -4000		907 -5000					
TACAN RWY 32	990	547	-3000	1320		1350		TRACK DIRECT TO TACAN THEN R-307. CLIMB TO 2300FT			
	(VIS -2400 WITH ACTUAL QNH)			877 -4000		907 -5000					
TDL TACAN DIST	6.7	6	5	4	3.3						
ITN DME DIST	5.9	5.2	4.2	3.2	2.4						
ALTITUDE (ILS/LOC)	2300	2070	1750	1430	1200						

CHANGES: ADD ILS, REVISED PROCEDURE

05 SEP 24

ACG
MILITARY USE ONLY

TINDAL (YPTN) COMPOSITE

AERODROME CHART

TOWNSVILLE INTL (YBTL)

LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
01 (017°)	* SALS (340M) PAPI 3.00° 49FT		MIRL (3) AFRU + PAL 118.3	1. ★ PILOTS ARE ADVISED THAT MT LOUISA CAN INFRINGE APCH PATH FOR LEFT BASE RWY 01 IF ACFT BLW ON-SLOPE INDICATION
19 (197°)	# PAPI 3.30° 49FT			2. # PAPI RWY 19 SHOULD NOT BE USED BEYOND 5 NM FROM THR AS IT DOES NOT PROVIDE CLEARANCE OVER MAGNETIC ISLAND
07 (067°)			PTBL	
25 (247°)	NIL			
OBSTRUCTIONS HAZARD BEACONS ILLUMINATED WIND INDICATOR TAXIWAY: CENTRELINE GREEN SDBY PWR AVBL				3. ALL FLIGHTS TO AVOID FLYING OVER CAPE PALLERENDA (NORTH OF AD). RIGHT CIRCUITS RWY 19 & 25 OR AS DIRECTED BY ATC.

AIS-AF
MILITARY USE ONLY

TOWNSVILLE INTL (YBTL) AERODROME CHART

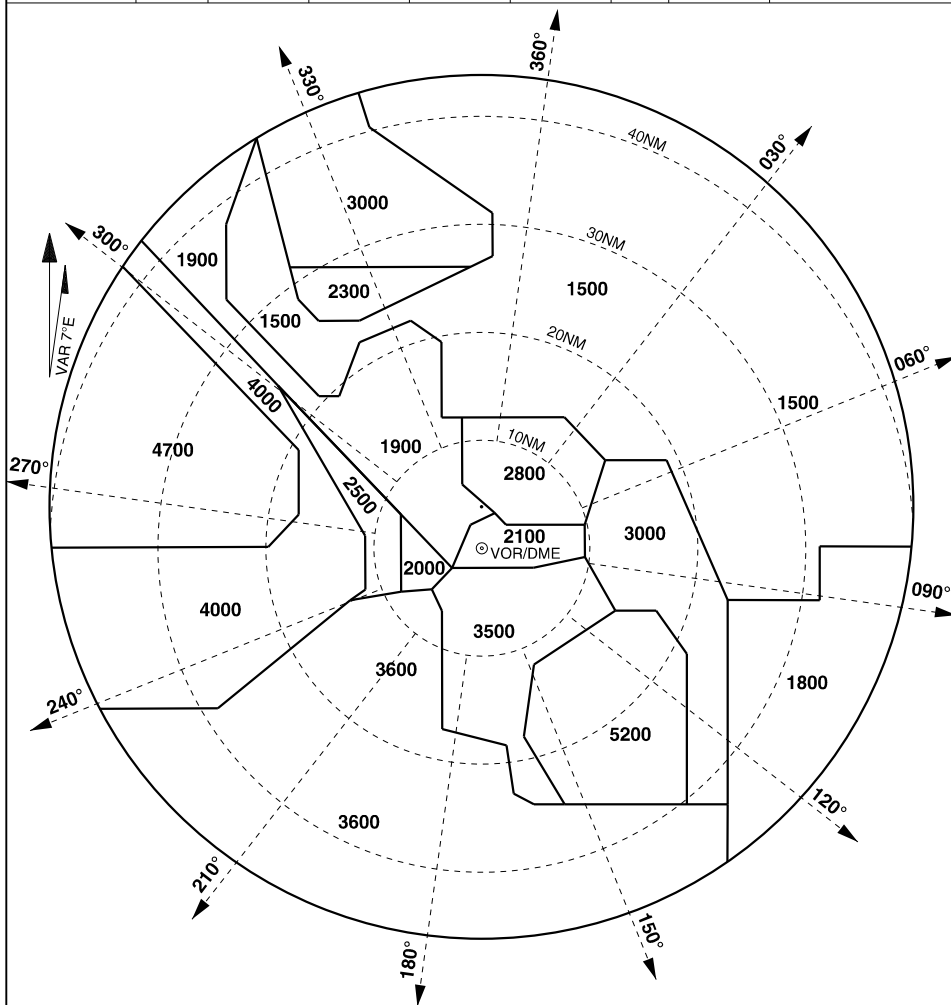
S19 15.16 E146 45.92
PANS-OPS, WGS 84

MILITARY USE ONLY

ATC USE ONLY TOWNSVILLE INTL (YBTL)

RTCC

ATIS	AWIS (AH)	ACD	SMC	TWR	APP/DEP	FIA (BN)	CTAF/AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
114.1 133.5 276	133.5	128.1 236.1	121.8 264.6	118.3 257.8	126.8 307.8	120.55	/PAL 118.3	



- NOTE:
1. BEARINGS AND DISTANCES FROM VOR/DME.
 2. RTCC CENTRED ON THE RADAR HEAD.
 3. RADAR SITE IS 349° M AT 3.5 NM FROM THE ARP.
 4. THE ARP IS SITUATED AT THE INTERSECTION OF THE RUNWAYS
 5. RADAR SITE IS 007° M/5.5 NM FROM THE TACAN.

ATC USE ONLY

CHANGES: REVISED MINIMA
13 AUG 20

AIS-AF
MILITARY USE ONLY

TOWNSVILLE INTL (YBTL)
RTCC

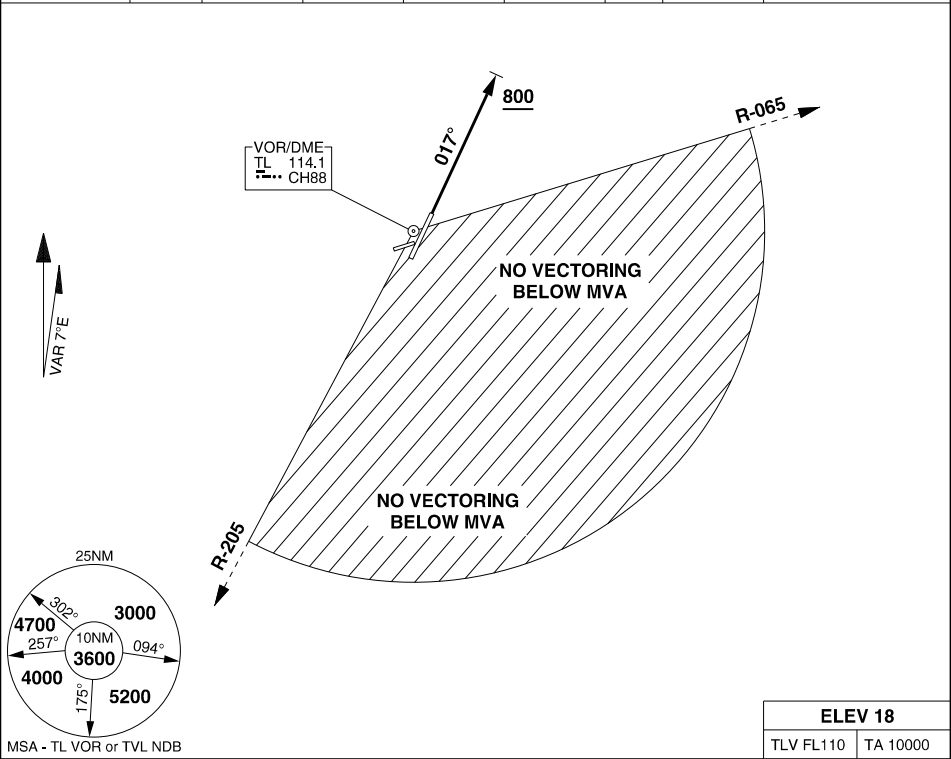
S19 15.16 E146 45.92
PANS-OPS, WGS 84

SID (RADAR) RWY 01 (CAT H)

MILITARY USE ONLY

TOWNSVILLE INTL (YBTL)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP/DEP	FIA (BN)	CTAF/AFRU	ELEVATIONS IN FEET AMSL
114.1 133.5 276	133.5	128.1 236.1	121.8 264.6	118.3 257.8	126.8 307.8	120.55	/PAL 118.3	BEARINGS ARE MAGNETIC



TOWNSVILLE COPTER FOUR DEPARTURE

RWY 01

- GRAD 6.0% UNTIL 800FT THEN 5.0%
- TRACK 017°
- AT 800FT, BUT NOT BEFORE DER, TURN TO ASSIGNED HDG OR TRACK

COMMUNICATIONS FAILURE PROCEDURE

ON RECOGNITION OF COMMUNICATIONS FAILURE:

- SQUAWK 7600
- MAINTAIN LAST ASSIGNED VECTOR FOR TWO MINUTES; AND
- CLIMB IF NECESSARY TO MINIMUM SAFE ALTITUDE TO MAINTAIN TERRAIN CLEARANCE; THEN
- PROCEED IN ACCORDANCE WITH THE LATEST ATC ROUTE CLEARANCE ACKNOWLEDGED

CHANGES: LOCATION NAME, DEP TEXT

21 MAY 20

MILITARY USE ONLY
AIS-AF

TOWNSVILLE INTL (YBTL)
SID (RADAR) RWY 01 (CAT H)

TACAN TVL Chan 72	APCH CRS 206°	RWY LDG 7999 THR ELEV 13 AD ELEV 18
----------------------	------------------	--

TACAN RWY 19 PANS-OPS, WGS-84 TOWNSVILLE INTL (YBTL)

- NO CIRCLING EAST OF RUNWAY 01/19.
- MISSD APCH TOLERANCES NOT CLEAR OF RSTD AREAS.

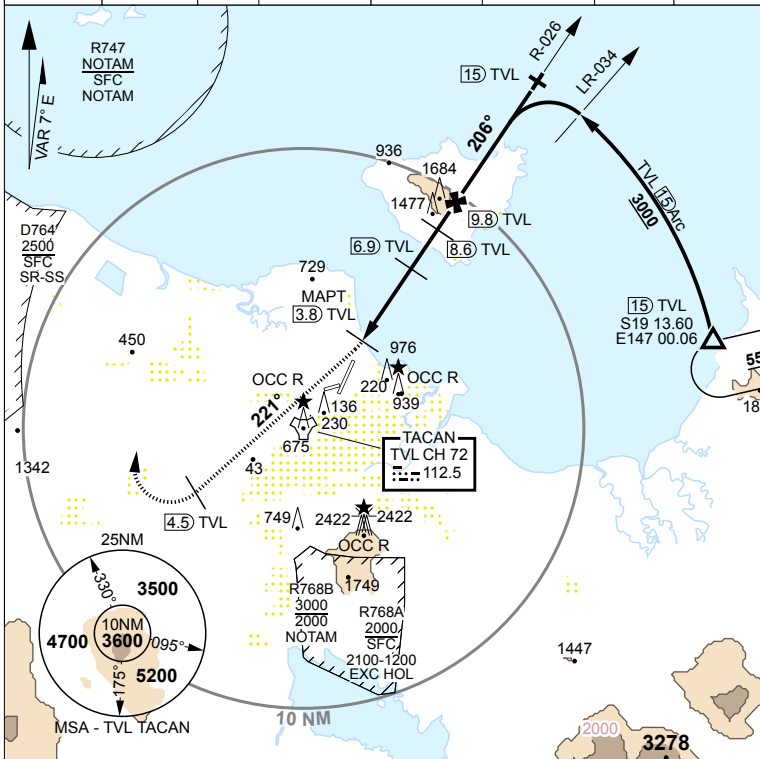
MISSD APPROACH:
TURN RIGHT, TRACK 221°, AT 4.5 TAC TURN RIGHT, MAX IAS
IN TURN: 210 KT. TRACK 016°, CLIMB TO **5000FT**.

ATIS 114.1 133.5 276	AWIS (AH) 133.5	ACD 128.1 236.1	SMC 121.8 264.6	TWR 118.3 257.8	APP/DEP 126.8 307.8	FIA (BN) 120.55	CTAF/ AFRU/PAL 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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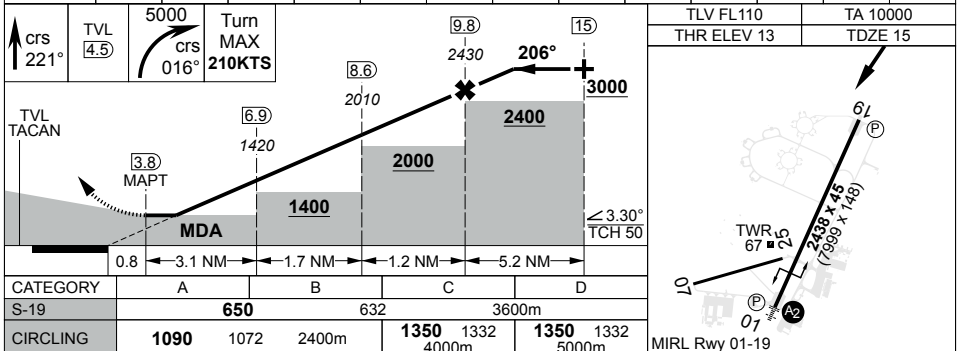
TRACK IN	TIME	MNM ALT	DME LIMIT
250°		5500	20

HOLDING
15 TAC R-070

MAX IAS: 210KT



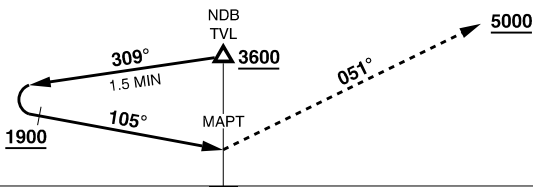
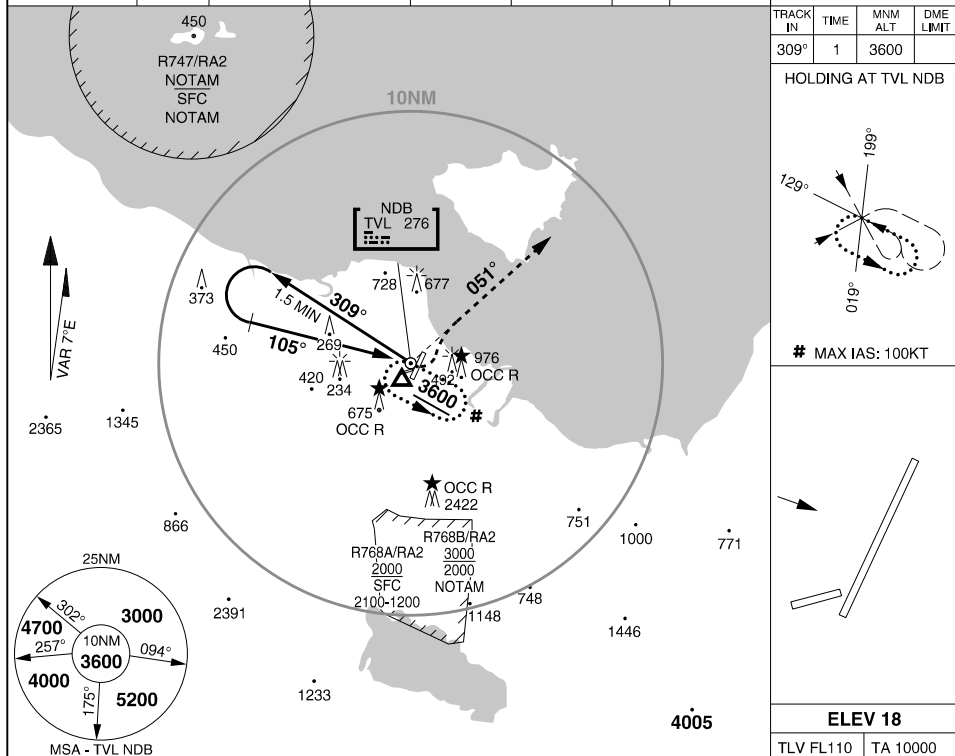
TVL TAC	4.7	5	6	7	8	9	10	11	11.4				
ALTITUDE	650	760	1110	1460	1810	2160	2510	2860	3000				



CHANGES: TAC CH AND FREQ S19 15.16 E146 45.92
28 NOV 24
TOWNSVILLE INTL (YBTL)
TACAN RWY 19
AIS-AF
MILITARY USE ONLY

NDB 105 (CAT H)
TOWNSVILLE INTL (YBTL)

ATIS	AWIS (AH)	ACD	SMC	TWR	APP/DEP	FIA (BN)	CTAF/AFRU	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
114.1 133.5 276	133.5	128.1 236.1	121.8 264.6	118.3 257.8	126.8 307.8	120.55	/PAL 118.3	



CATEGORY	H
NDB	870 852 -4800

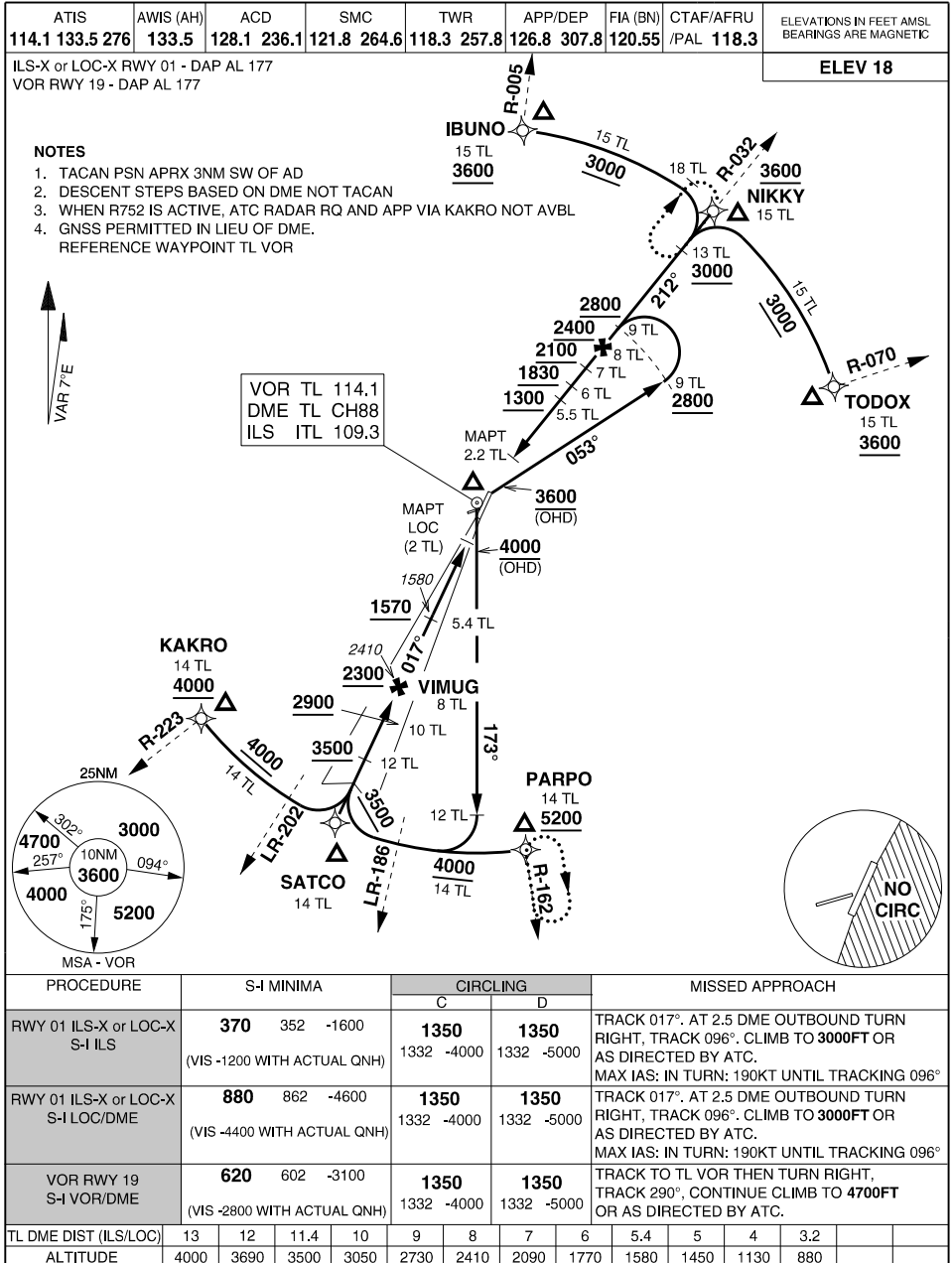
27 FEB 20

TOWNSVILLE INTL (YBTL)
NDB 105 (CAT H)

MILITARY USE ONLY

S19 15.16 E146 45.92
PANS-OPS, WGS 84

COMPOSITE
TOWNSVILLE INTL (YBTL)



30 NOV 23

ACG
MILITARY USE ONLY

TOWNSVILLE INTL (YBTL)
COMPOSITE

AERODROME CHART WILLIAMSON (YWIS)

Diagram: A diagram of a runway oriented 143°. The runway is 1800 x 30 feet. The threshold is at ELEV 77 (10.5) and the other end is at ELEV 106 (32). A helo landing zone is located near the 1800-foot mark, with an apron area labeled A and B. The diagram also shows a scale bar from 0 to 3000 feet and a north arrow indicating a variation of 9°E.

Table:

LIGHTING			
RWY	APPROACH	THR	RUNWAY
14 (143°)	NIL	NIL	NIL
32 (323°)			

Notes:

- ANIMAL HAZARD EXISTS
- NO LIGHTING AVAILABLE
- HIGH TERRAIN TO NORTH AND SOUTH-EAST OF AD
- CONTACT RANGE CONTROL ON (07) 4935 5000 PRIOR TO DEP TO CONFIRM FREQ RQMNTS
- AWIS PH 07 3564 3747

20 MAR 25

WILLIAMSON (YWIS)
AERODROME CHART

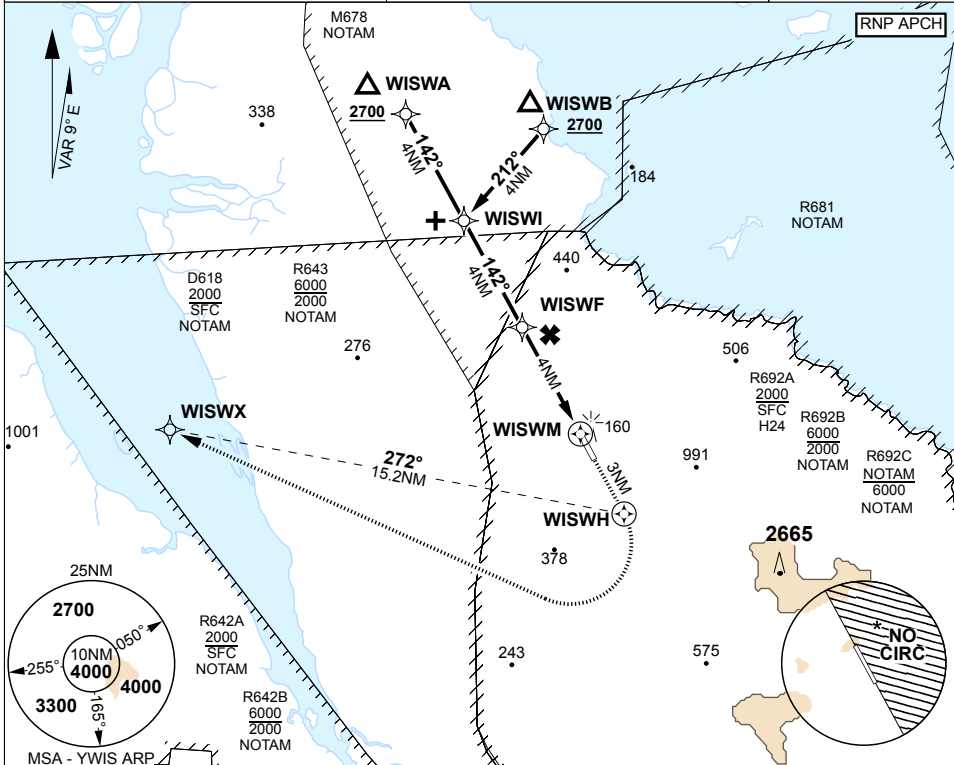
APCH CRS 142°	RWY LDG THR ELEV 77 AD ELEV 106
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PANS-OPS, WGS-84

RNP RWY 14
WILLIAMSON (YWIS)

1. NO CIRCLING NE OF RWY 14/32.
2. NON-CERTIFIED AD. REGULAR NOTAM SERVICE NOT PROVIDED.
REFER TO HO NOTAMS. CTC AD OPR PRIOR TO OPS.
3. MAX IAS INITIAL: 210KT.
- MISSED APPROACH:**
TRACK DCT TO WISWH, TURN RIGHT TRACK DCT TO WISWX, CLIMB TO **4000FT**.

FIA (BN) 4000FT 119.55	CTAF 126.7	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NM TO NEXT WPT	0.1	WISWI	3	2	1	WISWF	3	2.3	WISWM					
ALTITUDE	2700	2670	2360	2040	1720	1400	1080	870						
WISWI 1900 WISWF 1400 4000 ↑ WISWH ⊕ ↷ WISWX ✦ 3.00° ≥ TCH 50 1200 MDA WISWM MAPT 4 NM 4 NM										TLV FL110 TA 10000 THR ELEV 77 TDZE 92				
										0.3% UP 1800 × 38 (9006 × 38) 32				
CATEGORY	A		B		C		D							
LNAV MDA	870		793		4500m									
CIRCLING	870	764	2000m	870	764	2400m	960	854	4000m	960	854	5000m		

CHANGES: SUA
13 JUN 24

S22 28.40 E150 10.70
AIS-AF
MILITARY USE ONLY

WILLIAMSON (YWIS)
RNP RWY 14

AERODROME CHART

WILLIAMTOWN (YWLM)

LIGHTING				NOTES
RWY	APPROACH	THR	RUNWAY	
12 (118°)	HIAL - CAT 1 (6) SFL		HIRL (6)	
30 (298°)	PAPI (6) - 3.00° 50FT		AFRU + PAL 118.3	
ILLUMINATED WIND INDICATOR ADJ EACH THR TWY: C/L GREEN PTBL ELECTRIC LGT AVBL 30 MIN PN				

20 MAR 25

AIS-AF
MILITARY USE ONLY

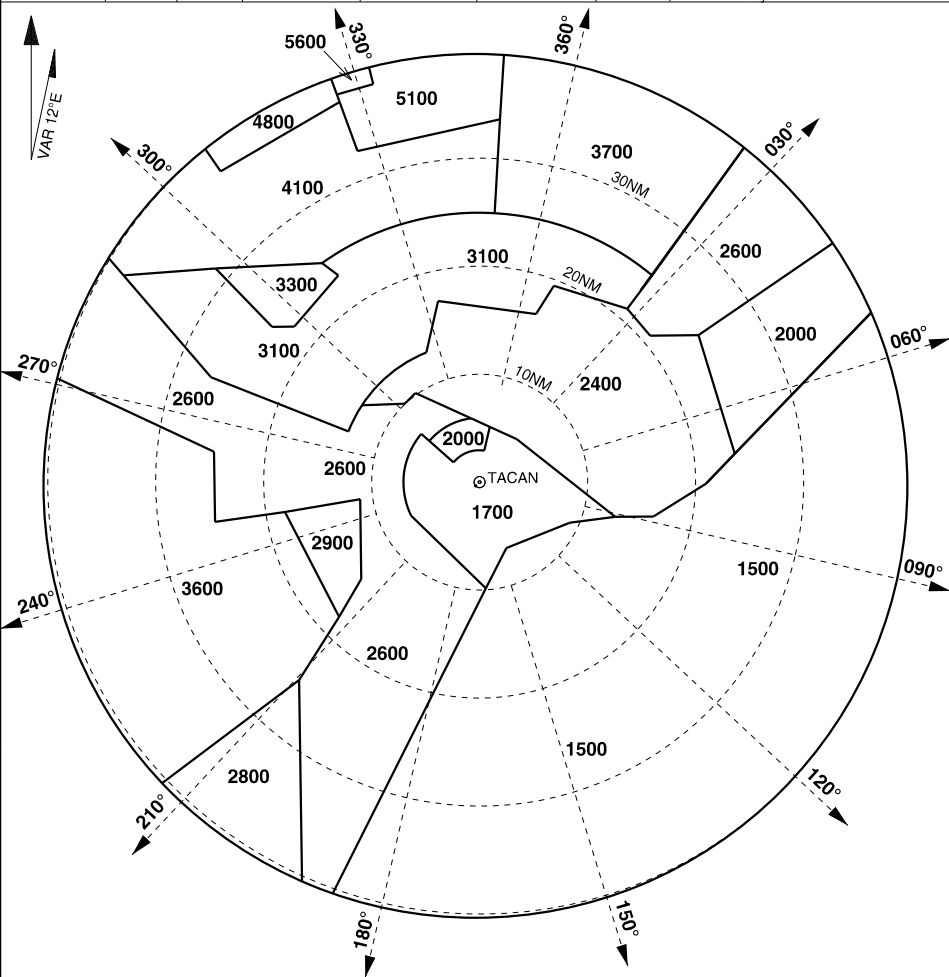
WILLIAMTOWN (YWLM) AERODROME CHART

S32 47.70 E151 50.07
PANS-OPS, WGS 84

MILITARY USE ONLY

ATC USE ONLY **WILLIAMTOWN (YWLM)** **RTCC**

ATIS 134.45 365 316.1	ACD 130.35	SMC 121.8	TWR 118.3 280.9	WILLY APP HIGH 133.3 261.4	WILLY APP LOW 135.7 293.4	FIA (BN) 125.7	CTAF/ AFRU/PAL 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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NOTE: 1. BEARINGS AND DISTANCES FROM TACAN.
2. RTCC CENTRED ON THE RADAR HEAD.

ATC USE ONLY

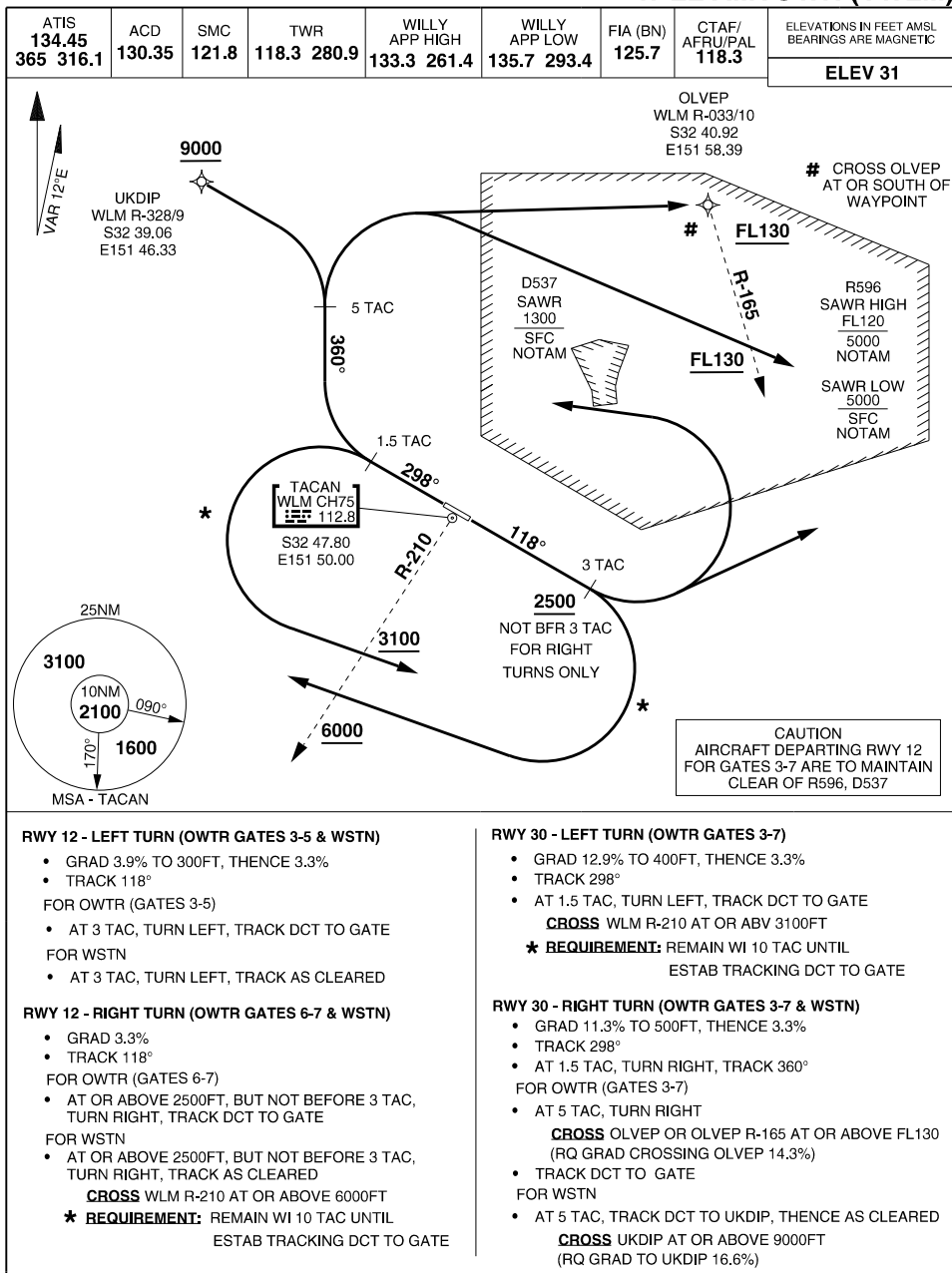
CHANGES: APP CS/FREQ
21 MAR 24

AIS-AF
MILITARY USE ONLY

WILLIAMTOWN (YWLM)
RTCC

S32 47.70 E151 50.07
PANS-OPS, WGS 84

MILITARY USE ONLY
SID CLASSIC ONE ALL RWYS (ACG USE ONLY)
WILLIAMTOWN (YWLM)



CHANGES: SUA D537, EDITORIAL

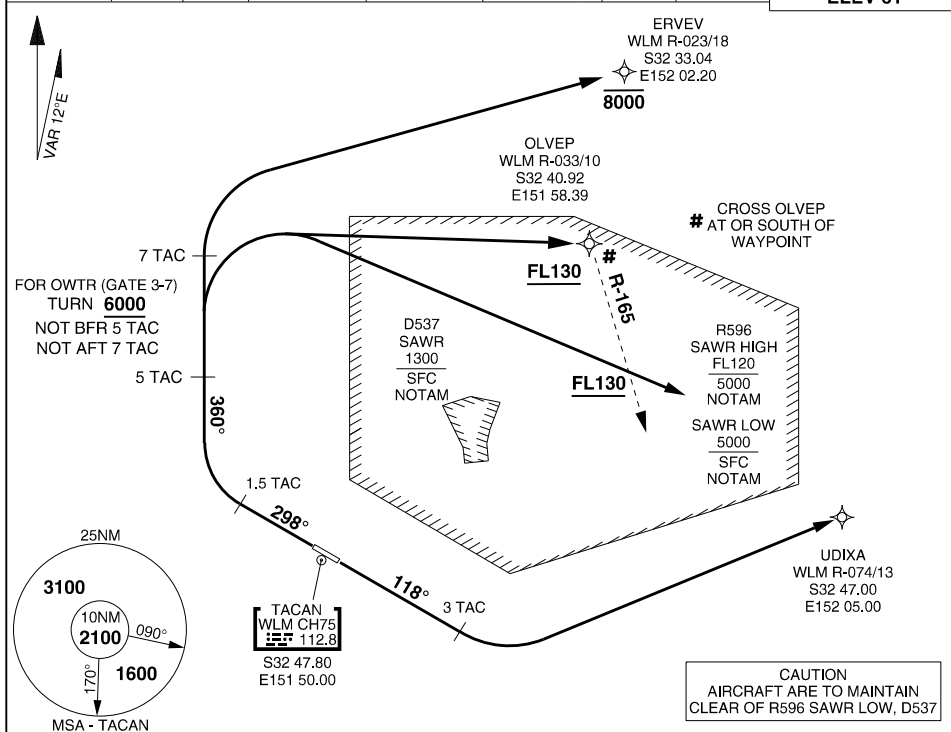
28 NOV 24

ACG
MILITARY USE ONLY
WILLIAMTOWN (YWLM)
SID CLASSIC ONE ALL RWYS (ACG USE ONLY)

S32 47.70 E151 50.07
PANS-OPS, WGS 84

MILITARY USE ONLY
SID PEPPER ONE ALL RWYS (ACG USE ONLY)
WILLIAMTOWN (YWLM)

ATIS 134.45 365 316.1	ACD 130.35	SMC 121.8	TWR 118.3 280.9	WILLY APP HIGH 133.3 261.4	WILLY APP LOW 135.7 293.4	FIA (BN) 125.7	CTAF/ AFRU/PAL 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
								ELEV 31



RWY 12 (OWTR GATES 1-2)

- GRAD 3.9% TO 300FT THENCE 3.3%
- TRACK 118°
- AT 3 TAC, TURN LEFT, TRACK DCT TO UDIXA
- TRACK DCT TO GATE

RWY 30 (OWTR GATES 3-7)

- GRAD 11.3% TO 500FT THENCE 3.3%
- TRACK 298°

FOR OWTR (GATES 1-2)

- AT 1.5 TAC, TURN RIGHT, TRACK 360°
- AT 7.0 TAC, TURN RIGHT, TRACK DCT ERVEP
- **CROSS** ERVEP AT OR BELOW 8000FT
- TRACK DCT TO GATE

FOR OWTR (GATES 3-7)

- AT 1.5 TAC, TURN RIGHT, TRACK 360°
- AT 6000FT TURN RIGHT
- **REQUIREMENT:** COMMENCE TURN NOT BFR 5 TAC AND NO LATER THAN 7 TAC
- **CROSS** OLVEP OR OLVEP R-165 AT OR ABOVE FL130 (RQ GRAD TO REACH 6000FT BY 7 TAC 14.3%)
- TRACK DCT TO GATE

CHANGES: SUA D537, EDITORIAL
28 NOV 24

ACG
MILITARY USE ONLY
WILLIAMTOWN (YWLM)
SID PEPPER ONE ALL RWYS (ACG USE ONLY)

LOC/DME IWM
110.5
Chan 42

APCH CRS
118°

RWY LDG
THR ELEV
AD ELEV

10,033
29
31

ILS-X or LOC-X RWY 12 USING WLM TACAN or IWM DME

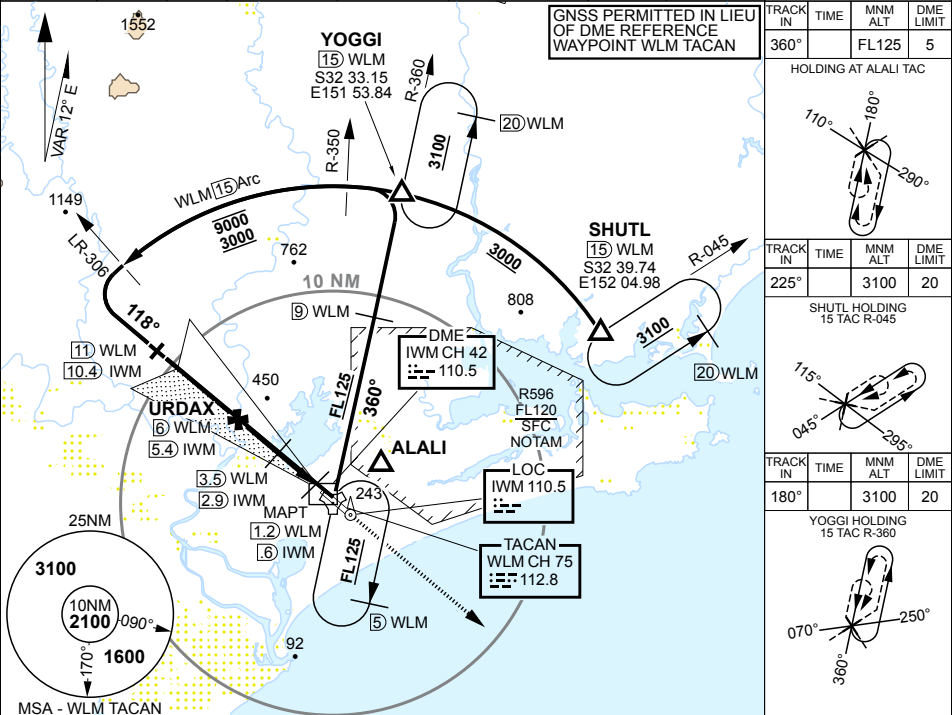
PANS-OPS, WGS-84

WILLIAMTOWN (YWLM)

1. SHUTL MAY NOT BE AVBL WHEN R596 ACTIVE.

MISSED APPROACH:
TRACK 118°. CLIMB TO 3100FT OR AS DIRECTED BY ATC.

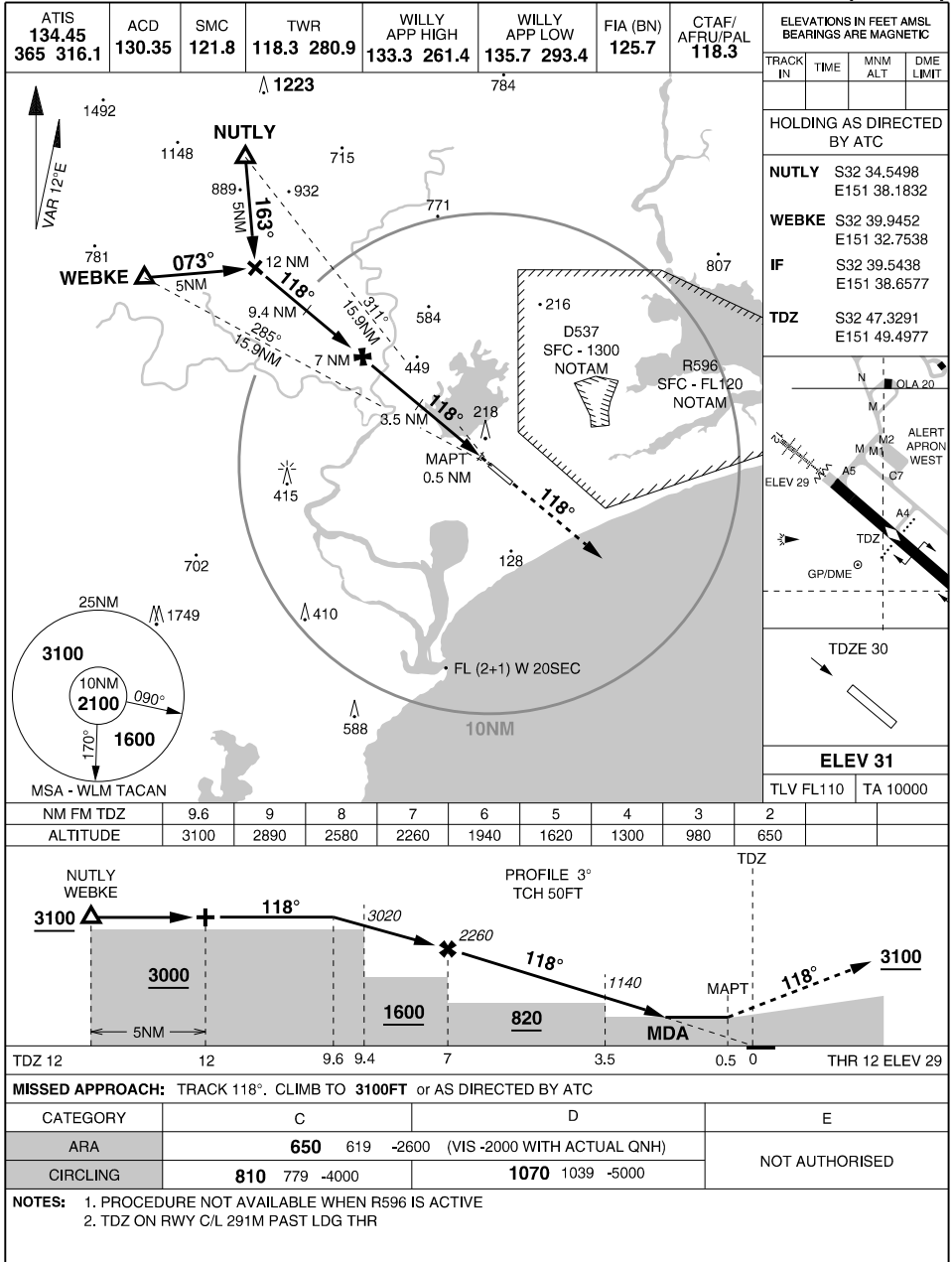
ATIS 134.45 316.1 365	ACD 130.35	SMC 121.8	TWR 118.3 280.9	WILLY APP HIGH 133.3 261.4	WILLY APP LOW 135.7 293.4	FIA (BN) 125.7	CTAF / AFRU /PAL 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84, AATCP-1

ARA RWY 12
WILLIAMTOWN (YWLM)



CHANGES: RWY END DIAGRAM

20 MAR 25

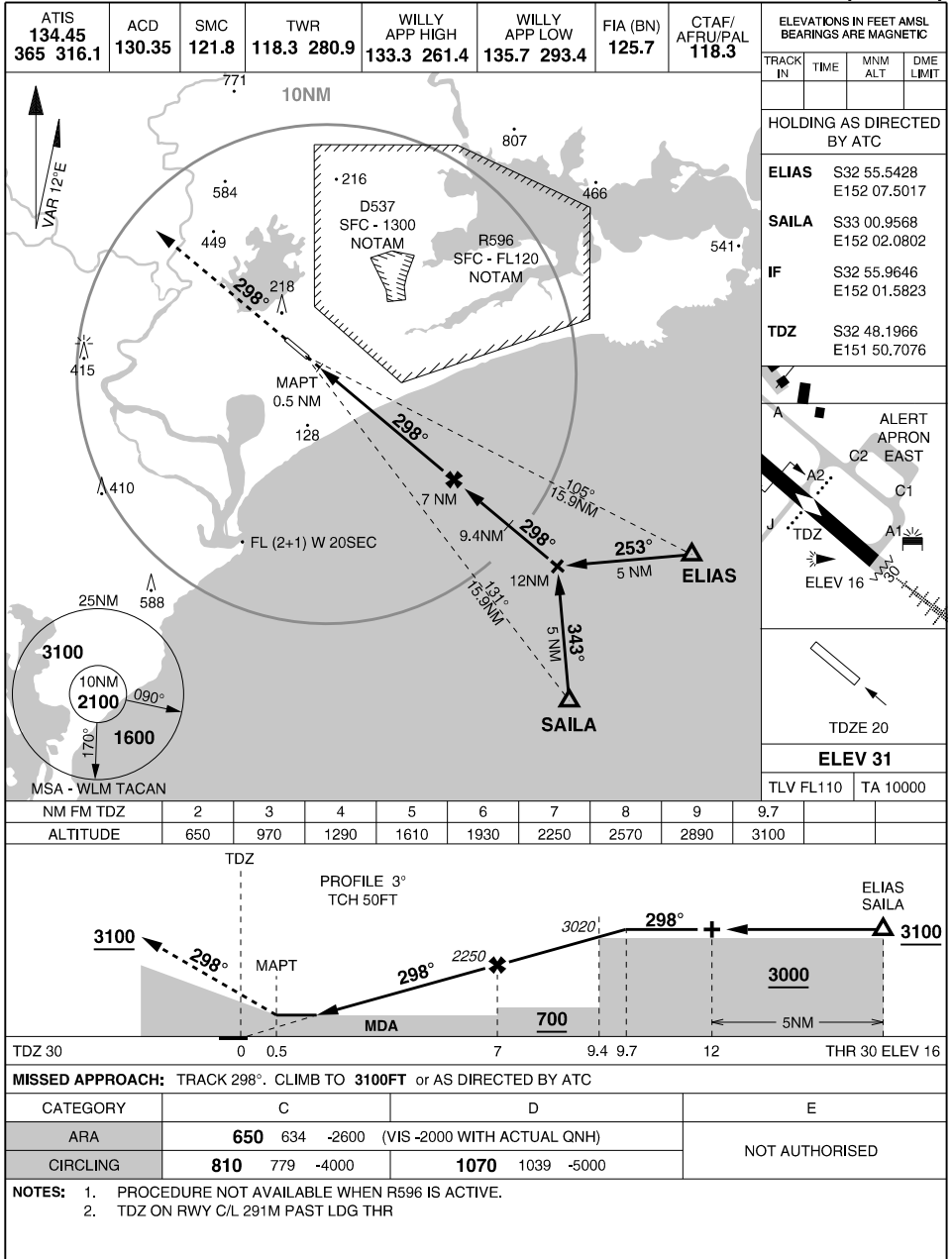
AIS-AF
MILITARY USE ONLY

WILLIAMTOWN (YWLM)
ARA RWY 12

MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84, AATCP-1

ARA RWY 30
WILLIAMTOWN (YWLM)



TACAN WLM Chan 75	APCH CRS 122°	RWY LDG 10,033 THR ELEV 29 AD ELEV 31
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PANS-OPS, WGS-84

TACAN RWY 12 WILLIAMTOWN (YWLM)

1. SHUTL MAY NOT BE AVBL
WHEN R596 ACTIVE.



MISSED APPROACH:

TRACK DCT TO TACAN THEN R-122. CLIMB TO 3100FT OR AS DIRECTED BY ATC.

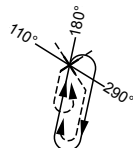
ATIS 134.45 316.1 365	ACD 130.35	SMC 121.8	TWR 118.3 280.9	WILLY APP HIGH 133.3 261.4	WILLY APP LOW 135.7 293.4	FIA (BN) 125.7	CTAF / AFRU /PAL 118.3
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ELEVATIONS IN FEET AMSL
BEARINGS ARE MAGNETIC



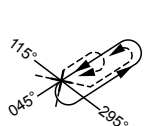
TRACK IN	TIME	MNM ALT	DME LIMIT
360°		FL125	5

HOLDING AT ALALI TAC



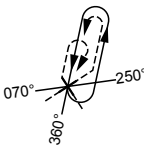
TRACK IN	TIME	MNM ALT	DME LIMIT
225°		3100	20

SHUTL HOLDING
15 TAC R-045

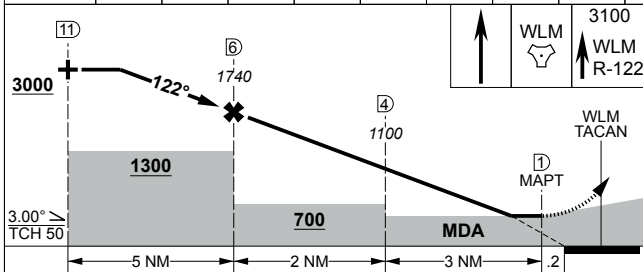


TRACK IN	TIME	MNM ALT	DME LIMIT
180°		3100	20

YOGGI HOLDING
15 TAC R-360

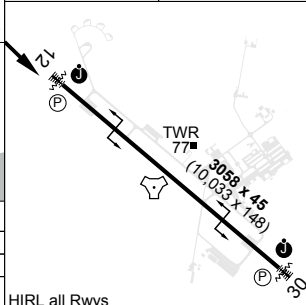


WLM TAC	10	9	8	7	6	5	4	3	2.6						
ALTITUDE	3000	2690	2370	2050	1740	1420	1100	780	640						



CATEGORY	A	B	C	D
S-12	640 609	2500m	(VIS -1900 WITH ACTUAL QNH)	
CIRCLING	690 659 2000m	710 679 2400m	810 779 4000m	1070 1039 5000m

TLV FL110	TA 10000
THR ELEV 29	TDZE 30



CHANGES: TAC CH/FREQ

S32 47.70 E151 50.07

21 MAR 24

WILLIAMTOWN (YWLM)
TACAN RWY 12

AIS-AF
MILITARY USE ONLY

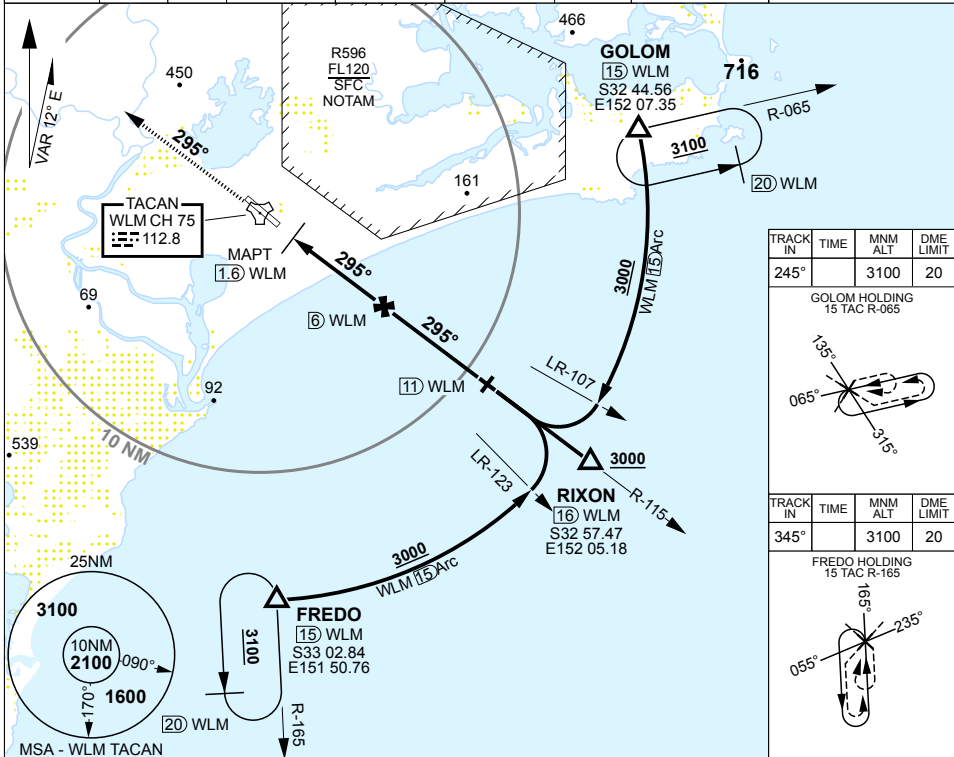
TACAN WLM Chan 75	APCH CRS 295°	RWY LDG 10,033 THR ELEV 16 AD ELEV 31
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PANS-OPS, WGS-84

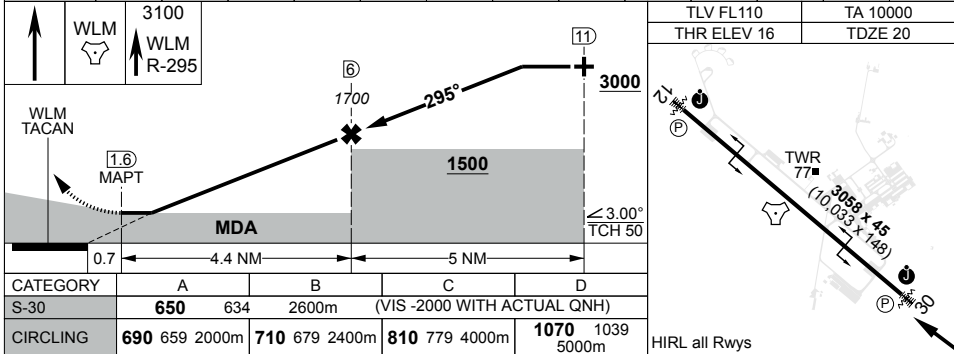
TACAN RWY 30
WILLIAMTOWN (YWLM)

1. GOLOM NOT AVBL WHEN R596 ACTIVE UNLESS APPROVED BY ATC.		MISSED APPROACH: TRACK DIRECT TO TACAN THEN R-295. CLIMB TO 3100FT OR AS DIRECTED BY ATC.	
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ATIS 134.45 316.1 365	ACD 130.35	SMC 121.8	TWR 118.3 280.9	WILLY APP HIGH 133.3 261.4	WILLY APP LOW 135.7 293.4	FIA (BN) 125.7	CTAF/AFRU/PAL 118.3	ELEVATIONS IN FEET AMSL BEARINGS ARE MAGNETIC
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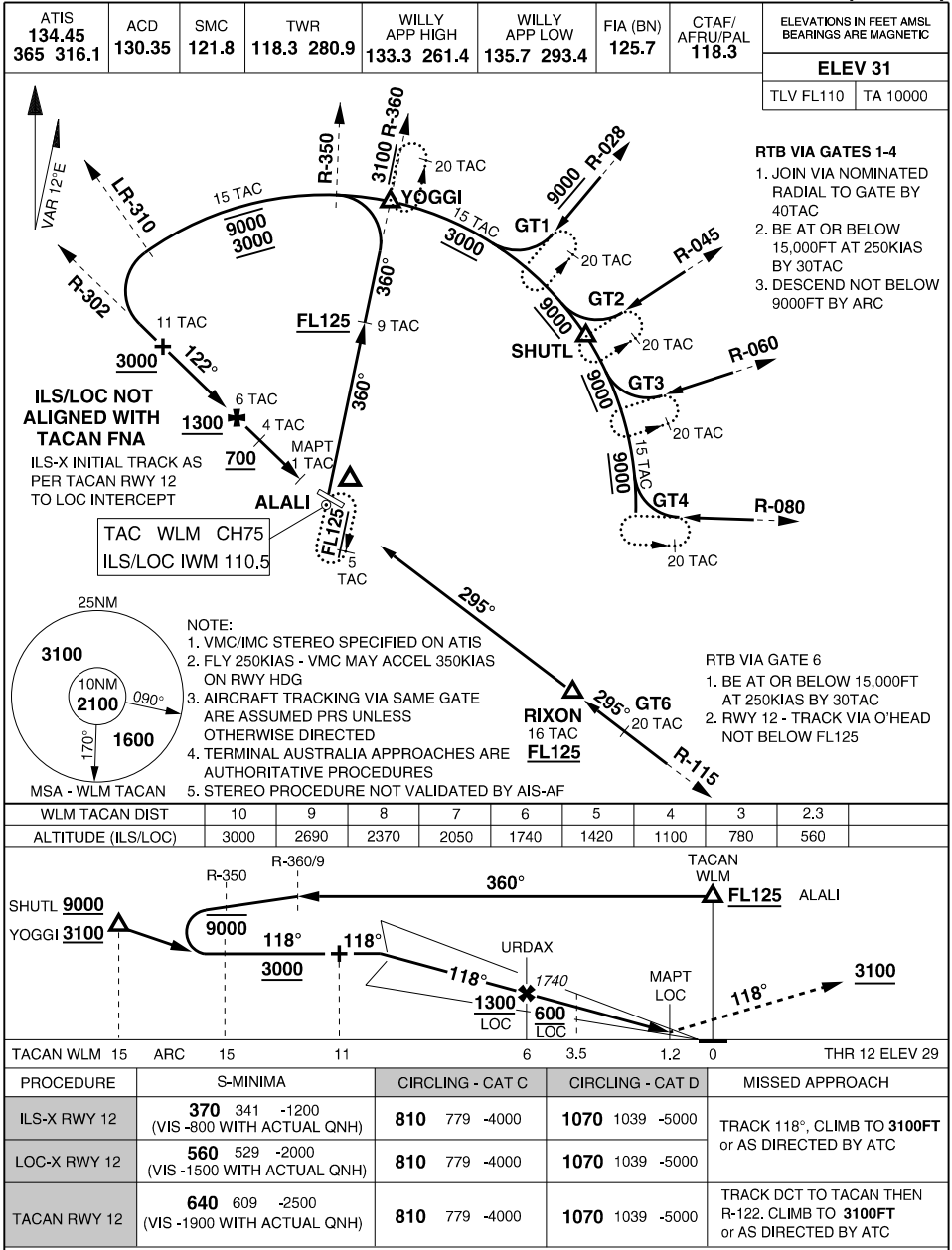
WLM TAC	2.7	3	4	5	6	7	8	9	10	10.1			
ALTITUDE	650	750	1070	1380	1700	2020	2340	2660	2980	3000			



MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84

STEREO RWY 12
WILLIAMTOWN (YWLM)



CHANGES: TAC CH
21 MAR 24

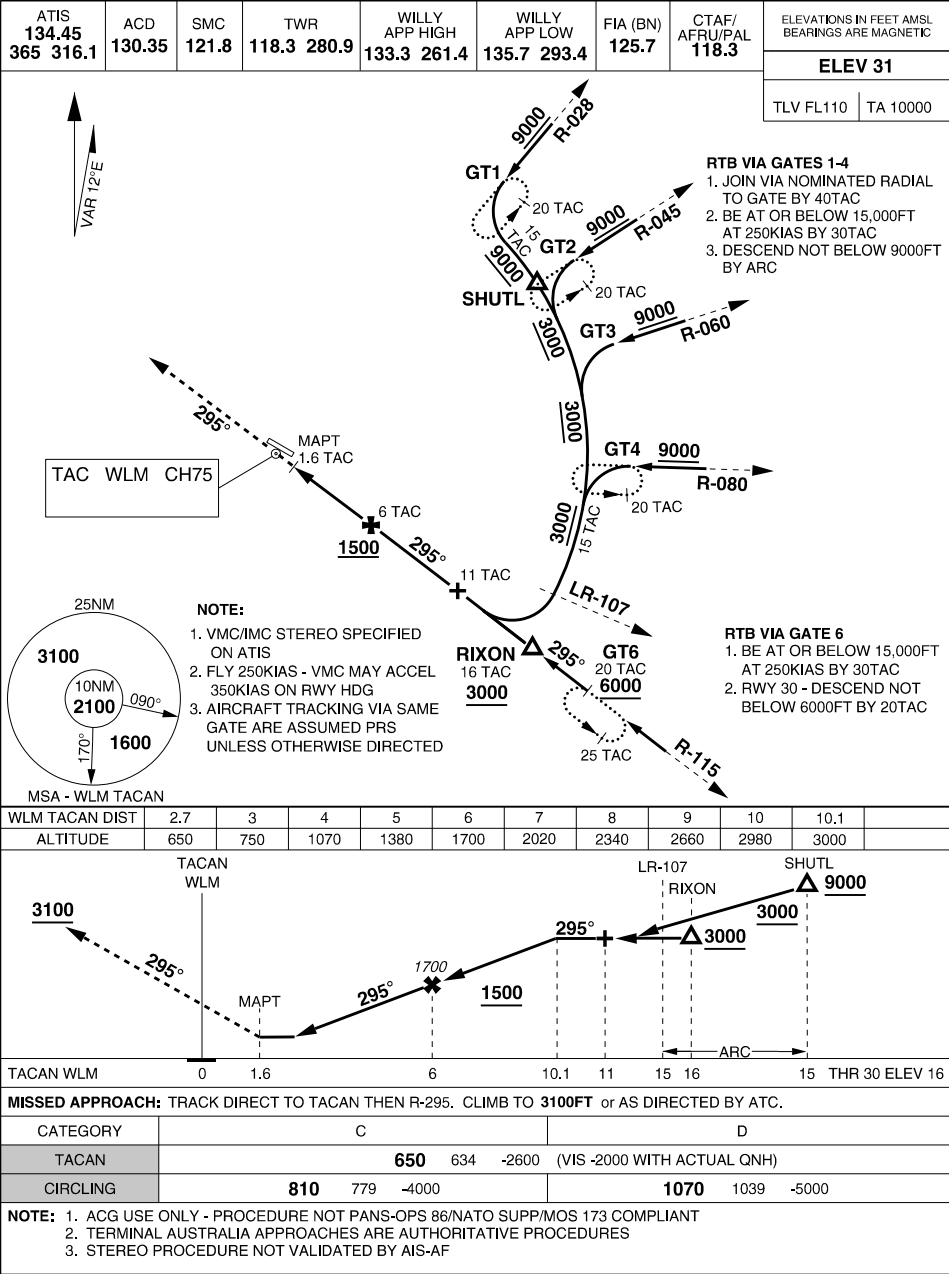
ACG
MILITARY USE ONLY

WILLIAMTOWN (YWLM)
STEREO RWY 12

MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84

STEREO RWY 30
WILLIAMTOWN (YWLM)



CHANGES: TAC CH
21 MAR 24

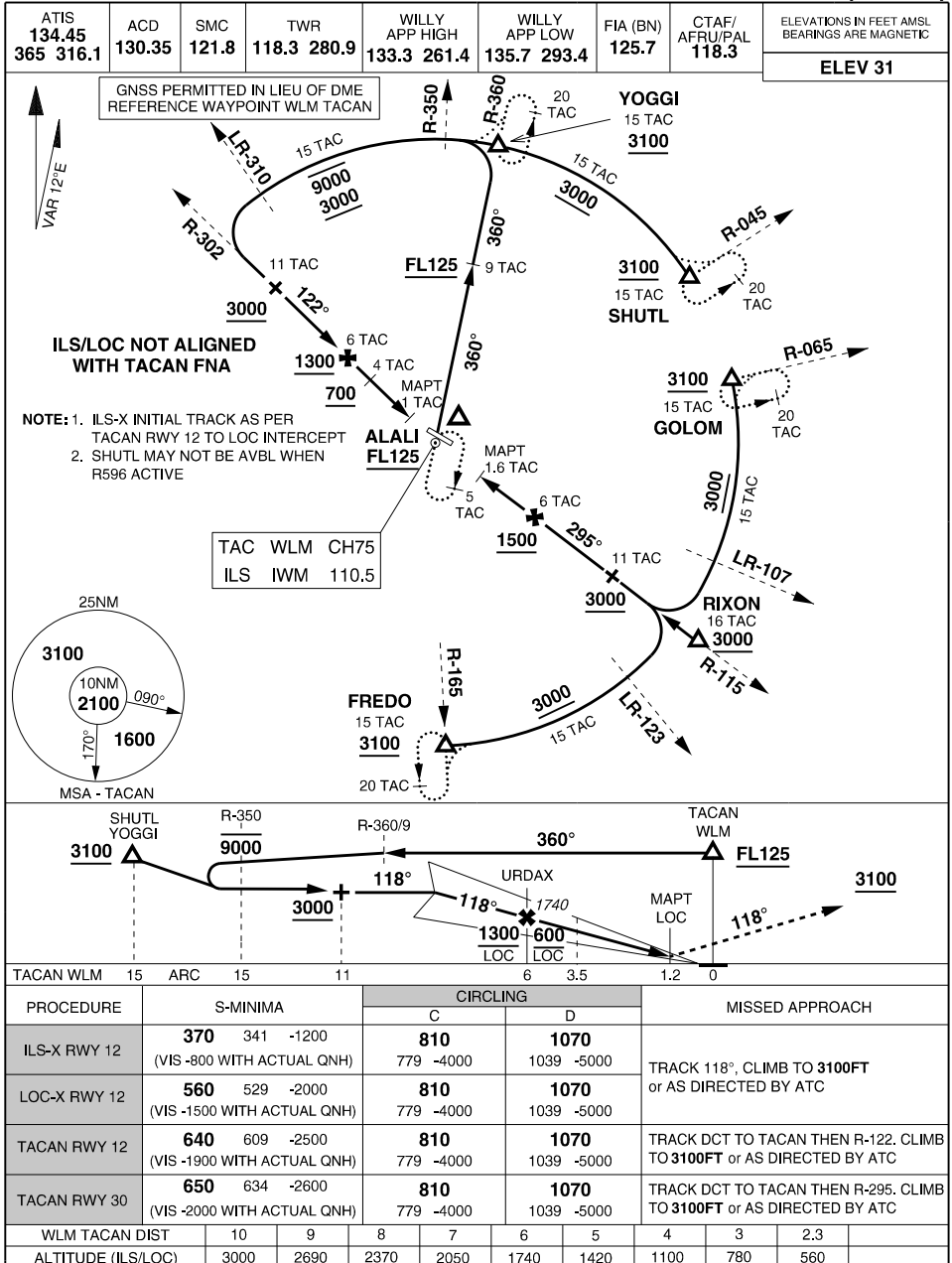
ACG
MILITARY USE ONLY

WILLIAMTOWN (YWLM)
STEREO RWY 30

MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84

COMPOSITE
WILLIAMTOWN (YWLM)



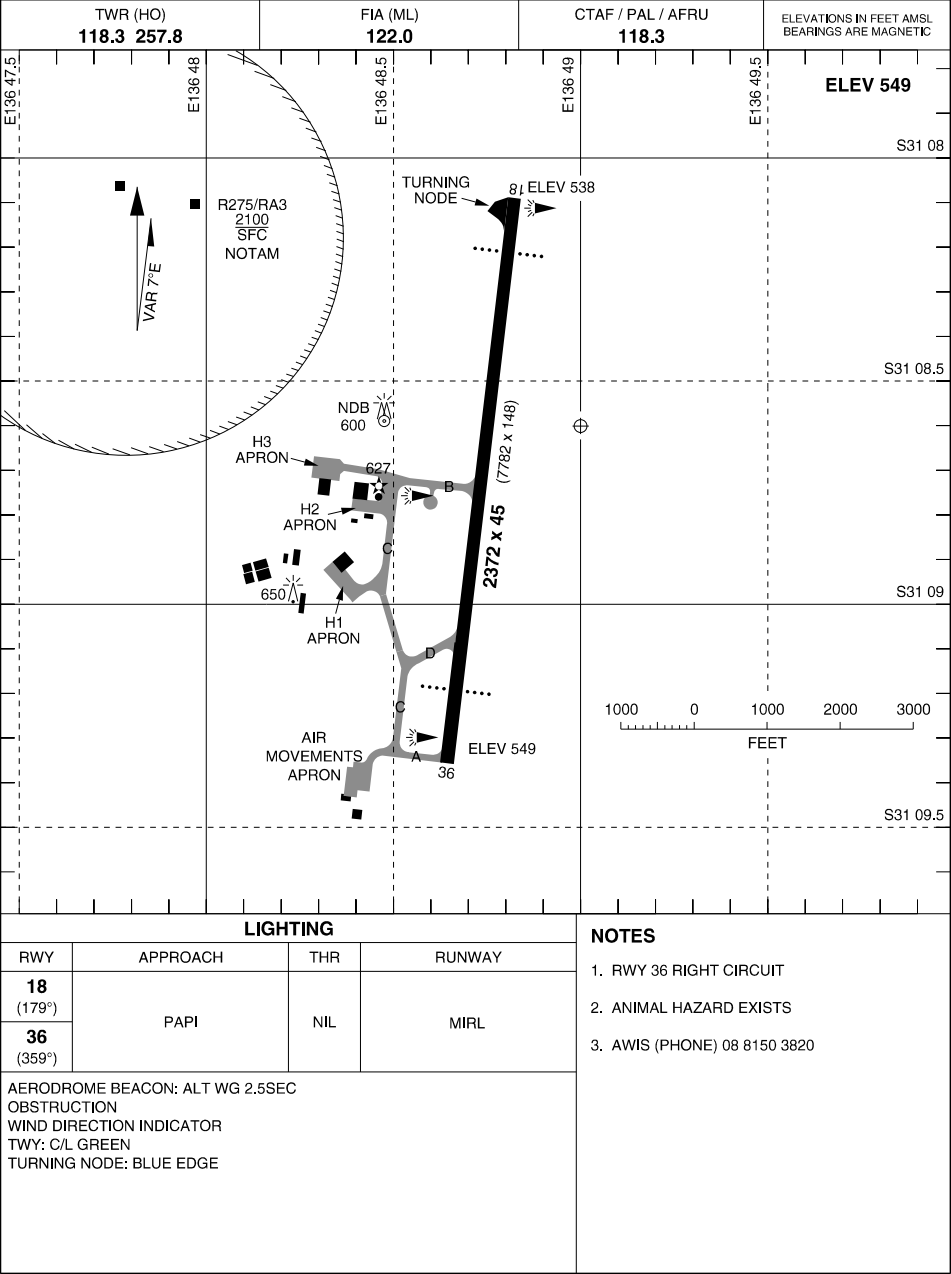
CHANGES: TAC CH
21 MAR 24

WILLIAMTOWN (YWLM)
COMPOSITE

ACG
MILITARY USE ONLY

S31 08.64 E136 49.02
PANS-OPS, WGS 84

AERODROME CHART
WOOMERA (YPWR)



CHANGES: RWY 36 PAPI PSN

20 MAR 25

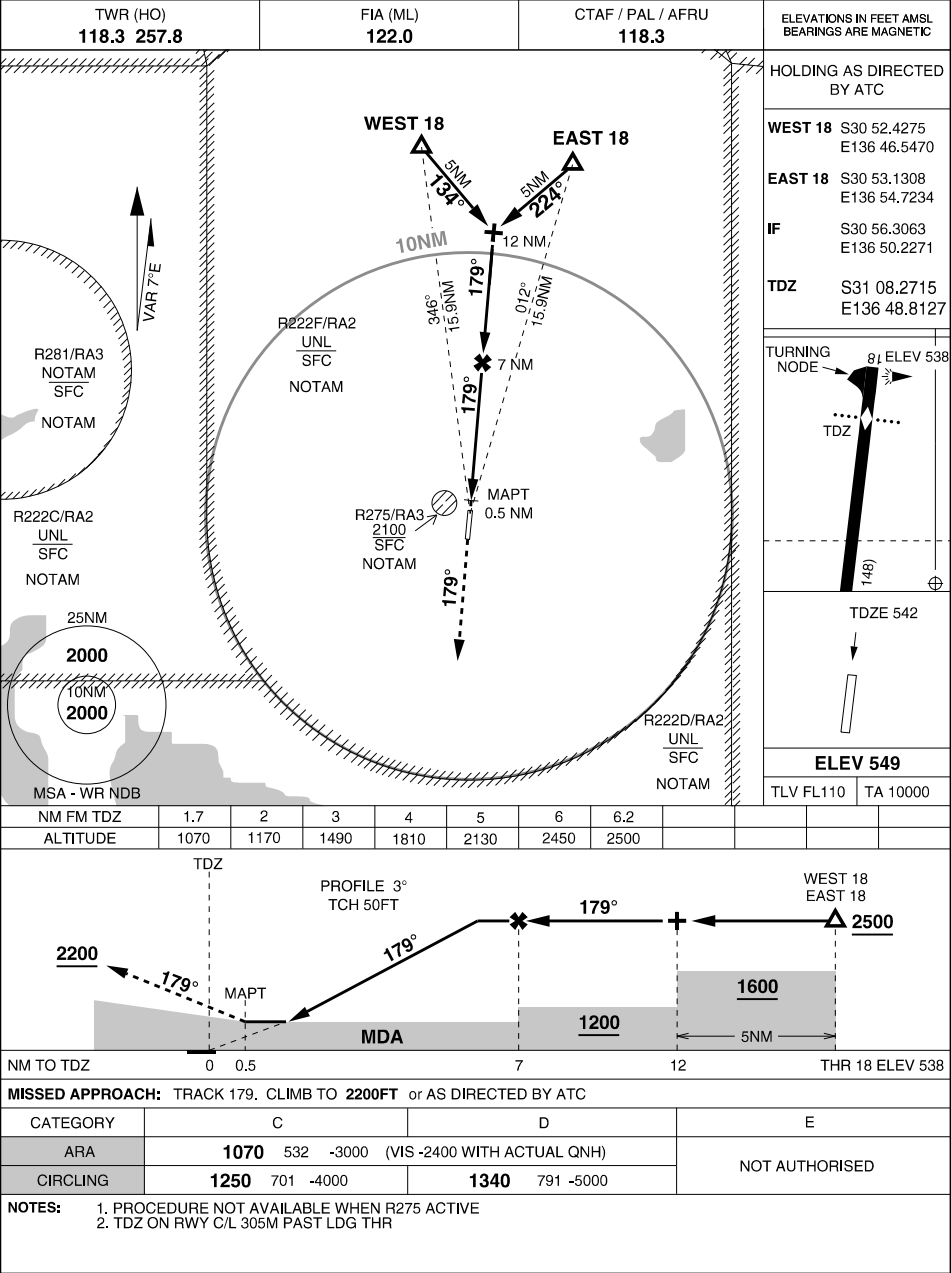
AIS-AF
MILITARY USE ONLY

WOOMERA (YPWR)
AERODROME CHART

MILITARY USE ONLY

S31 08.64 E136 49.02
PANS-OPS, WGS 84, AATCP-1

ARA RWY 18
WOOMERA (YPWR)



CHANGES: RWY END DIAGRAM

20 MAR 25

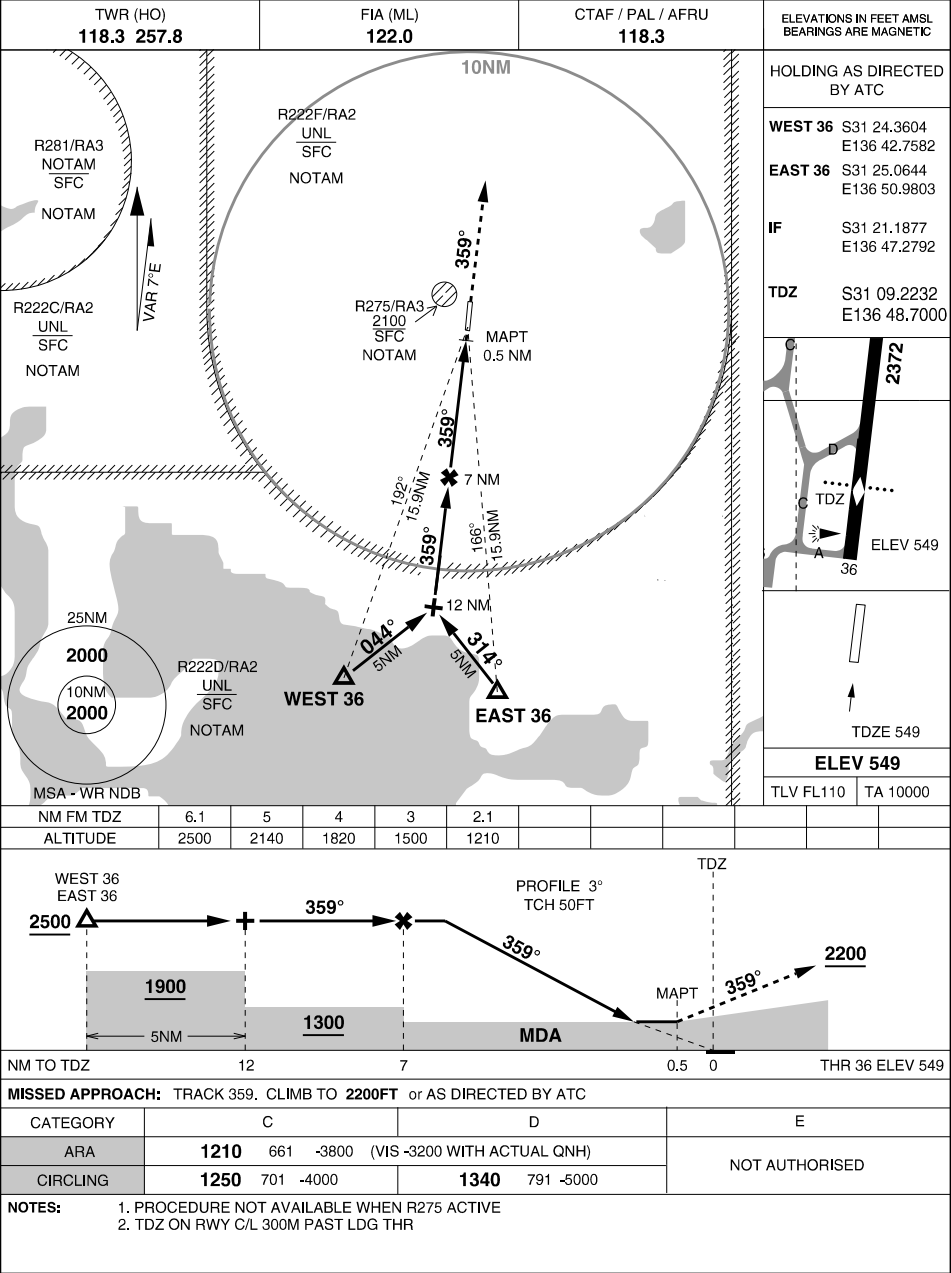
AIS-AF
MILITARY USE ONLY

WOOMERA (YPWR)
ARA RWY 18

MILITARY USE ONLY

S31 08.64 E136 49.02
PANS-OPS, WGS 84, AATCP-1

ARA RWY 36
WOOMERA (YPWR)



CHANGES: RWY END DIAGRAM

20 MAR 25

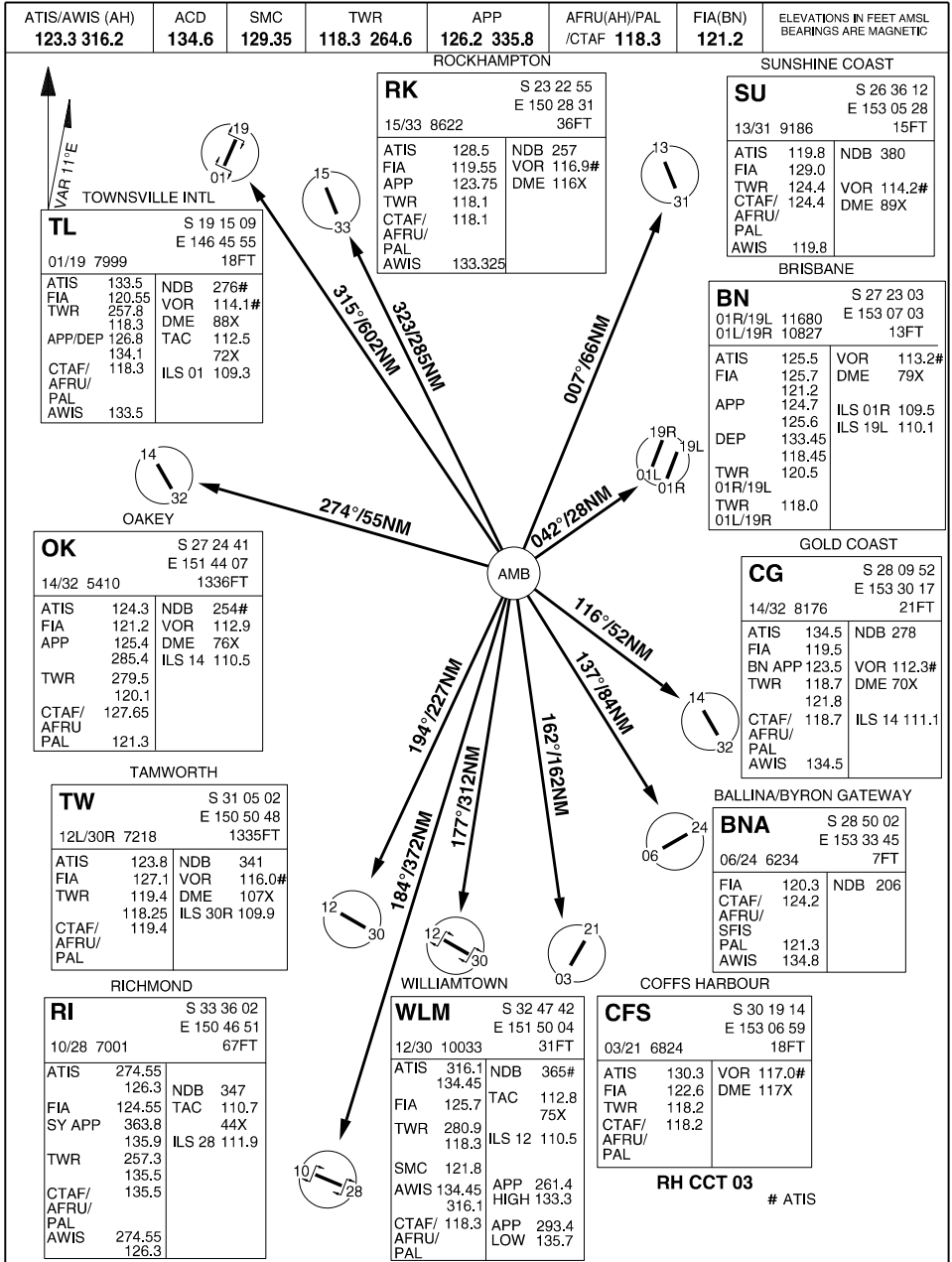
AIS-AF
MILITARY USE ONLY

WOOMERA (YPWR)
ARA RWY 36

MILITARY USE ONLY

S27 38.44 E152 42.71
PANS-OPS, WGS 84

DIVERT CHART
AMBERLEY (YAMB)



CHANGES: YBRK AWIS FREQ

12 JUN 25

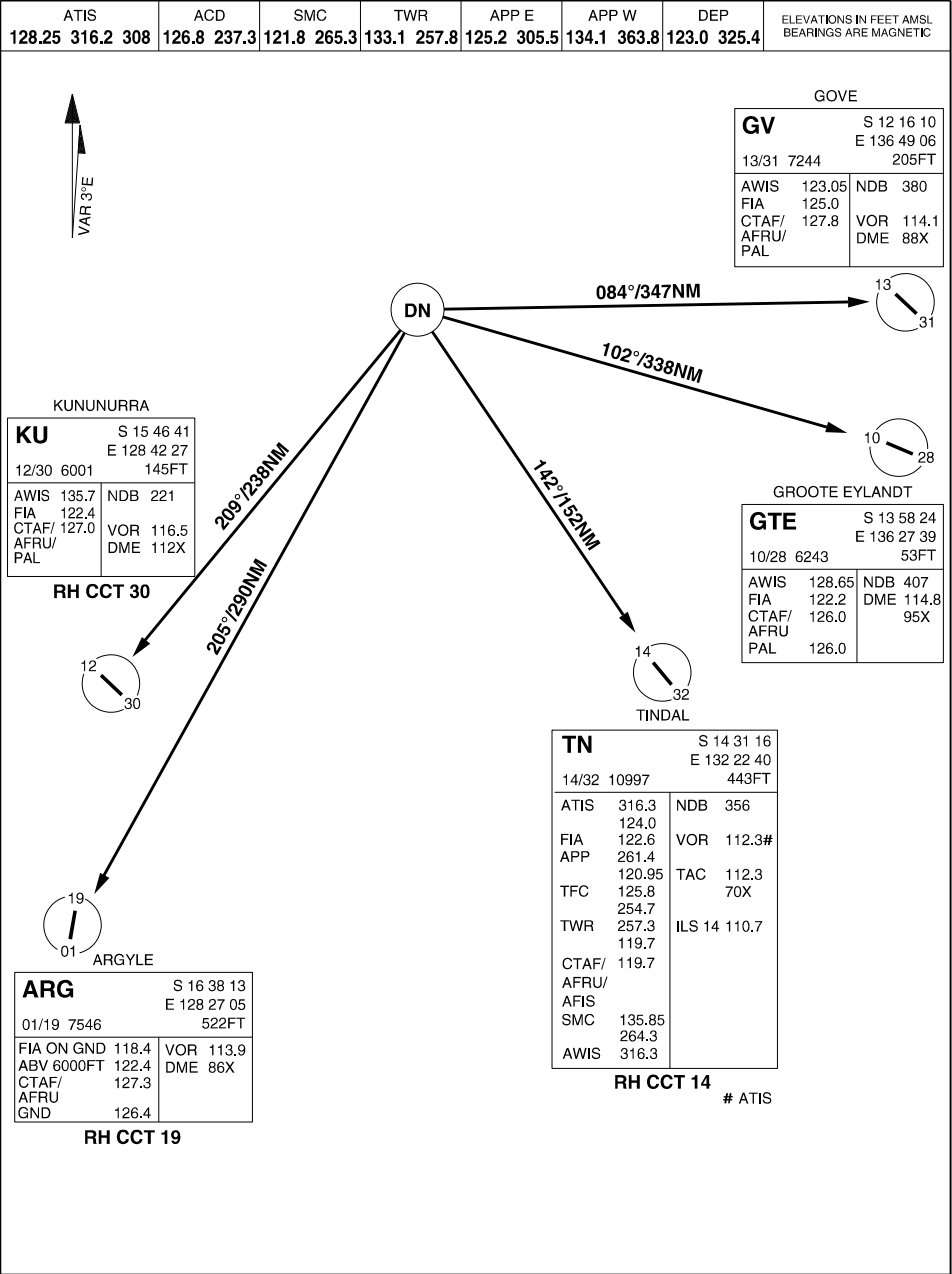
AIS-AF
MILITARY USE ONLY

AMBERLEY (YAMB)
DIVERT CHART

MILITARY USE ONLY

S12 24.88 E130 52.61
PANS-OPS, WGS 84

DIVERT CHART
DARWIN INTL (YPDN)



CHANGES: TN RWY LEN

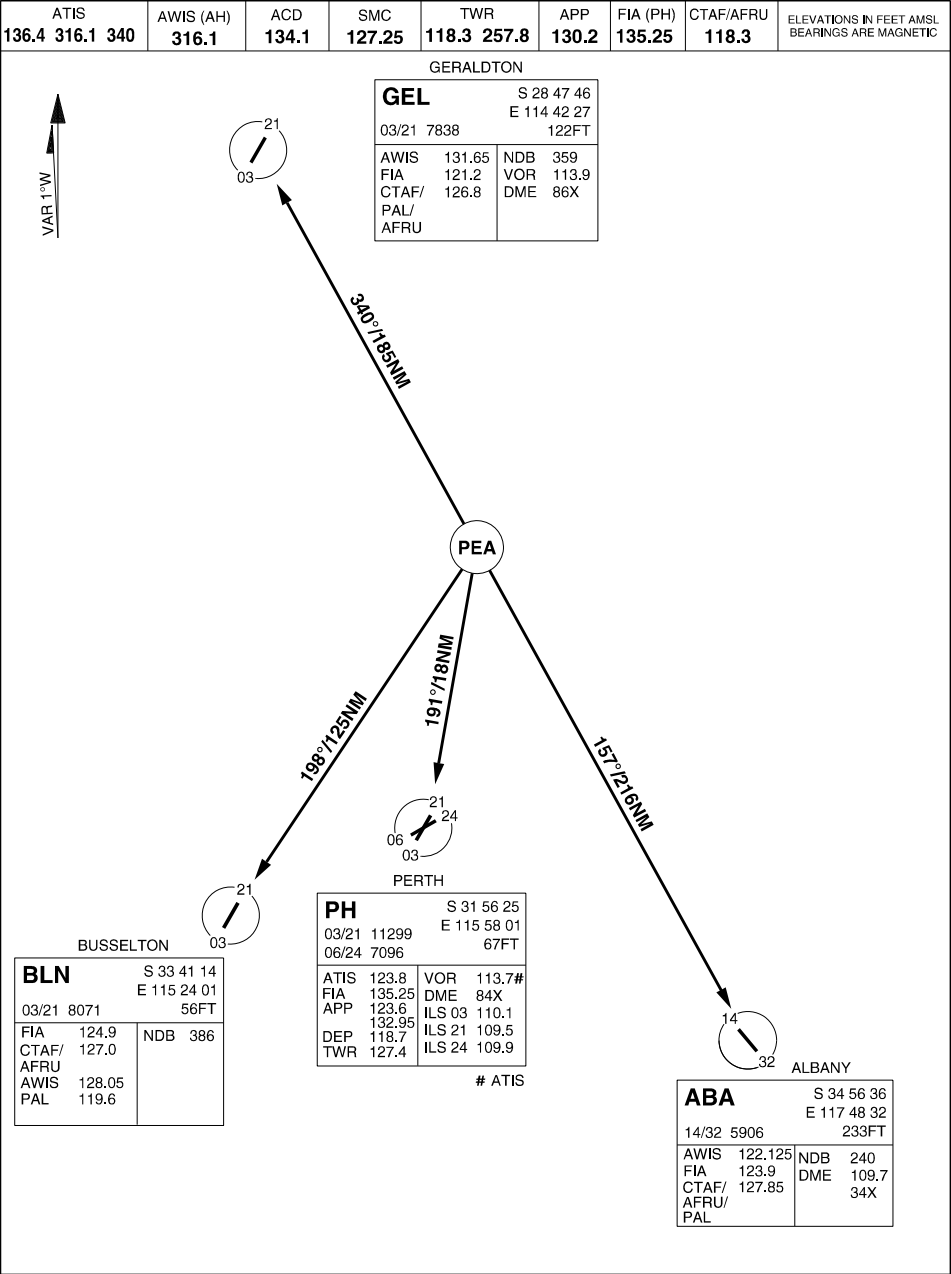
20 MAR 25

AIS-AF
MILITARY USE ONLY

DARWIN INTL (YPDN)
DIVERT CHART

S31 40.06 E116 00.90
PANS-OPS, WGS 84

DIVERT CHART
PEARCE (YPEA)



CHANGES: REMOVED TFC FREQ

30 NOV 23

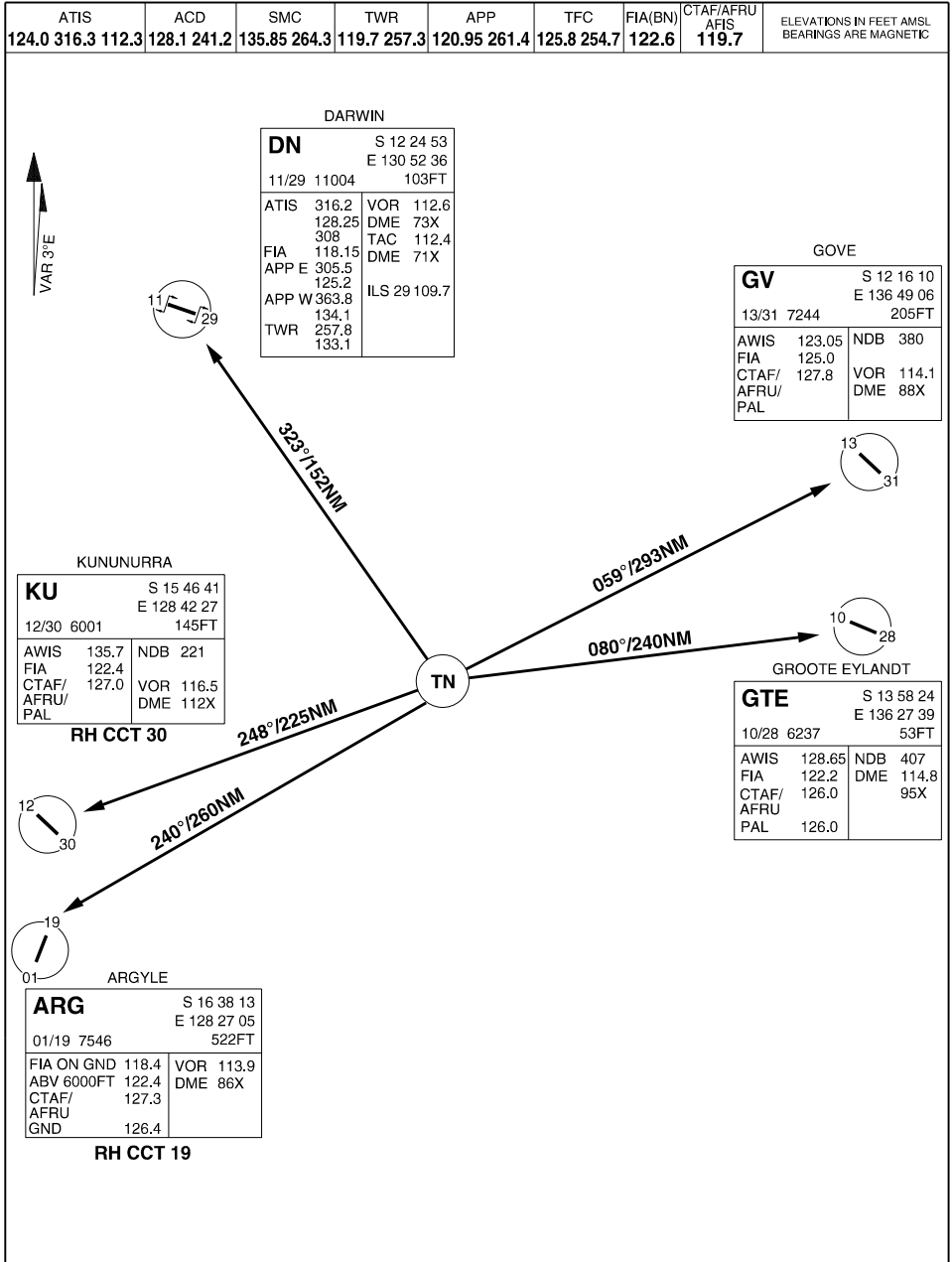
AIS-AF
MILITARY USE ONLY

PEARCE (YPEA)
DIVERT CHART

MILITARY USE ONLY

S14 31.26 E132 22.67
PANS-OPS, WGS 84

DIVERT CHART
TINDAL (YPTN)



CHANGES: GOVE LAT, GROOTE EYLANDT LAT LONG, DAR TAC CH/FREQ

05 SEP 24

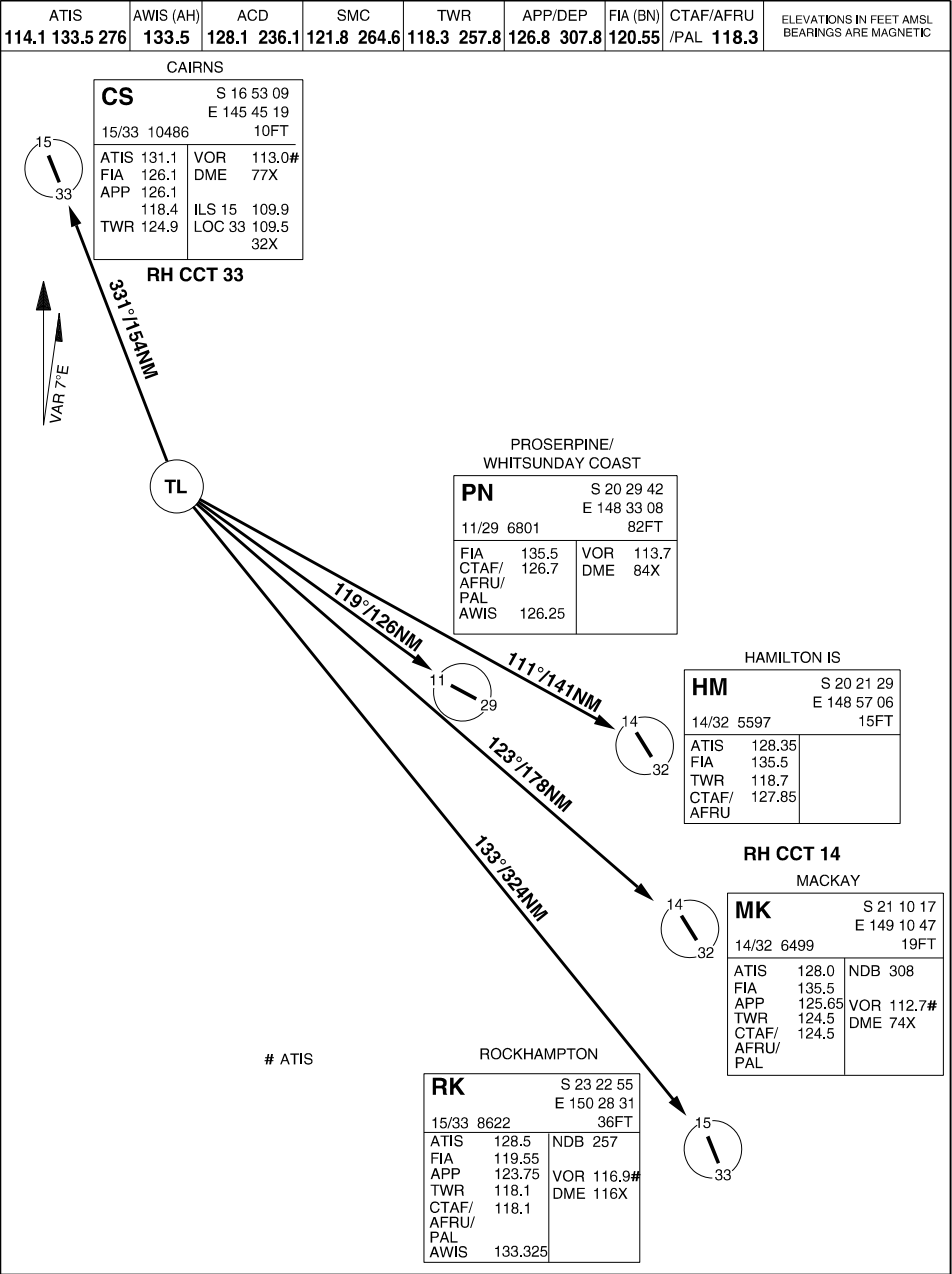
AIS-AF
MILITARY USE ONLY

TINDAL (YPTN)
DIVERT CHART

MILITARY USE ONLY

S19 15.16 E146 45.92
PANS-OPS, WGS 84

DIVERT CHART
TOWNSVILLE INTL (YBTL)



CHANGES: ROCKHAMPTON AWIS FREQ

12 JUN 25

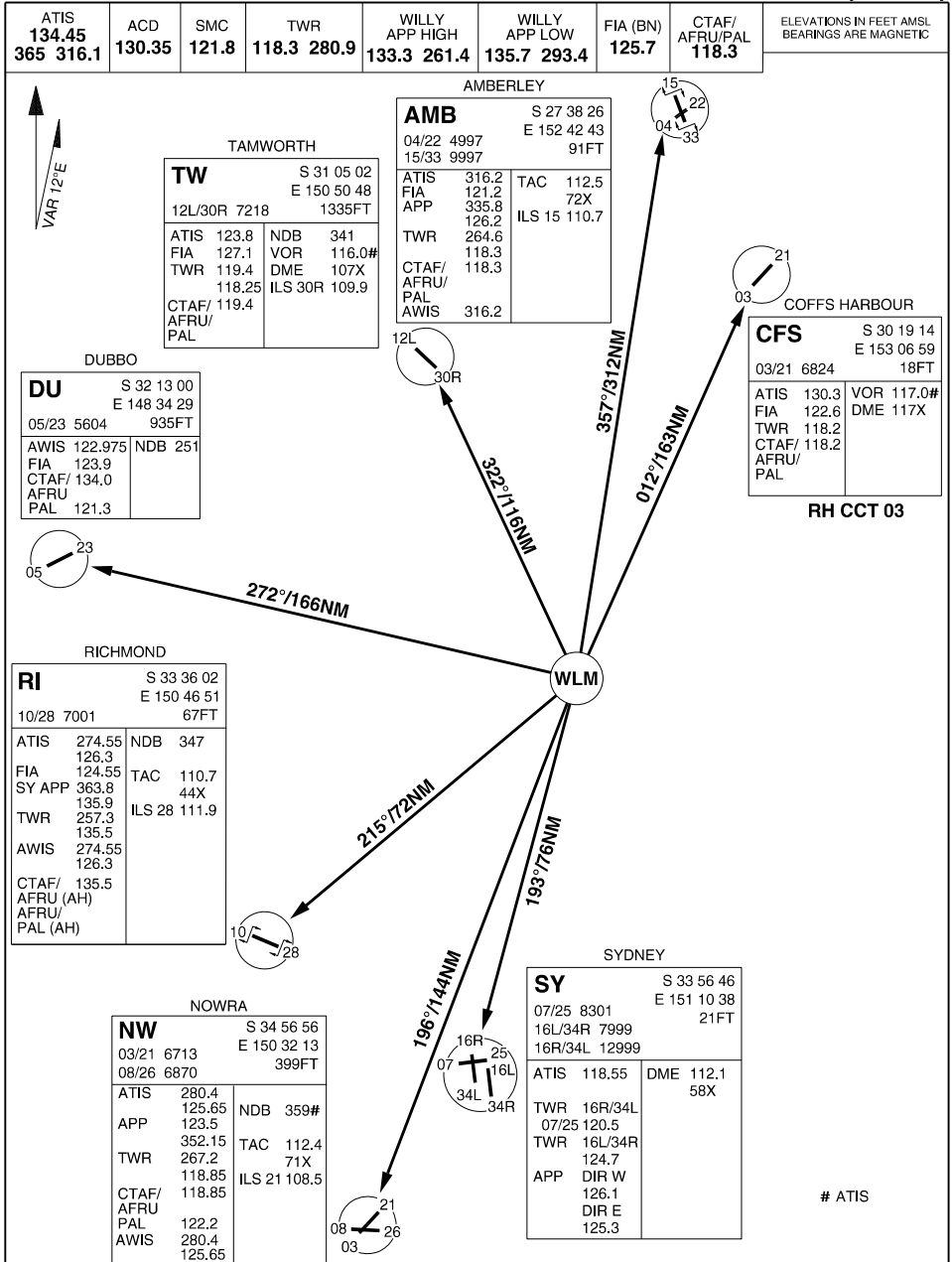
AIS-AF
MILITARY USE ONLY

TOWNSVILLE INTL (YBTL)
DIVERT CHART

MILITARY USE ONLY

S32 47.70 E151 50.07
PANS-OPS, WGS 84

DIVERT CHART
WILLIAMTOWN (YWLM)



CHANGES: SY ATIS FREQ, NW TAC FREQ/CH

12 JUN 25

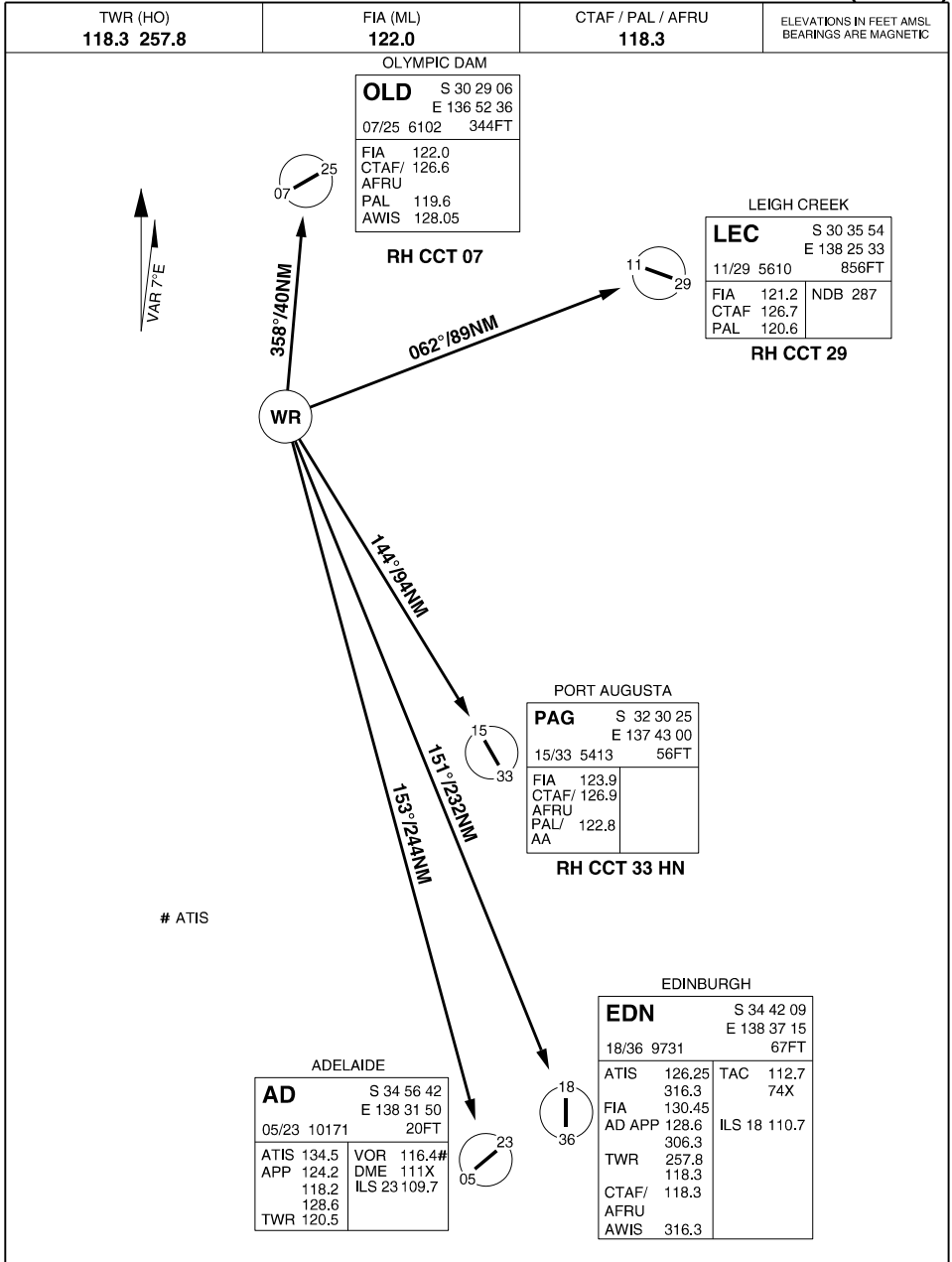
AIS-AF
MILITARY USE ONLY

WILLIAMTOWN (YWLM)
DIVERT CHART

MILITARY USE ONLY

S31 08.64 E136 49.02
PANS-OPS, WGS 84

DIVERT CHART
WOOMERA (YPWR)



CHANGES: PAG PAL/AA, EDITORIAL

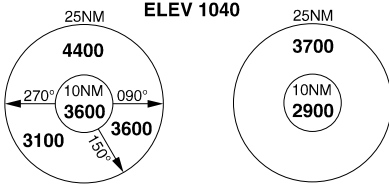
28 NOV 24

AIS-AF
MILITARY USE ONLY

WOOMERA (YPWR)
DIVERT CHART

PANS-OPS, WGS 84

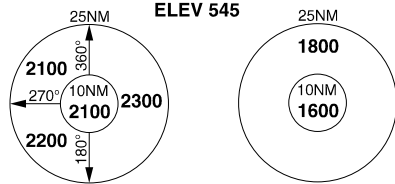
BENING FIELD (YBEG) QLD



MSA - ARP

VSA - ARP

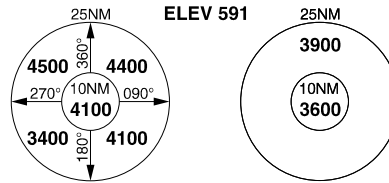
BURREN JUNCTION (YBRJ) NSW



MSA - ARP

VSA - ARP

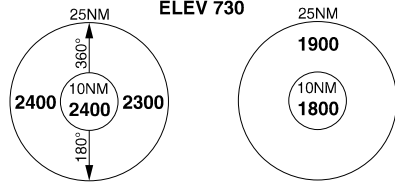
COLLINSVILLE (YCSV) QLD



MSA - ARP

VSA - ARP

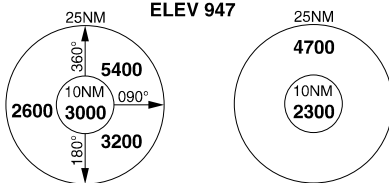
DELAMERE RANGE (YDWF) NT



MSA - ARP

VSA - ARP

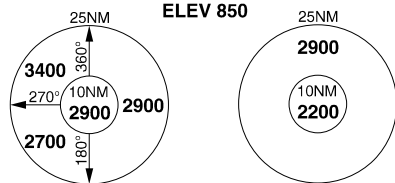
GILGANDRA (YGIL) NSW



MSA - ARP

VSA - ARP

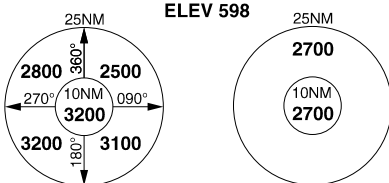
HILLMAN FARM (YHLM) WA



MSA - ARP

VSA - ARP

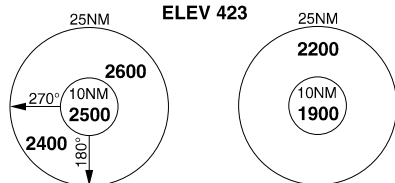
LAKE CARGELLIGO (YLCG) NSW



MSA - ARP

VSA - ARP

NACKEROO (YNKR) NT



MSA - ARP

VSA - ARP

CHANGES: YLCG ELEV, YBEG MSA

09 SEP 21

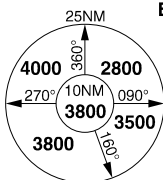
AIS-AF

MILITARY USE ONLY

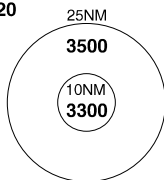
PANS-OPS, WGS 84

SAMUEL HILL (YSMH) QLD

ELEV 120



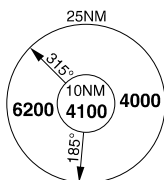
MSA - ARP



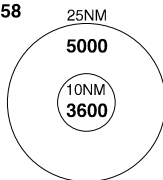
VSA - ARP

ST HELENS (YSTH) TAS

ELEV 158



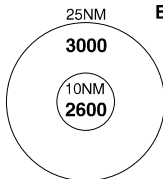
MSA - ARP



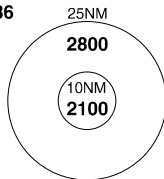
VSA - ARP

TAROOM (YTAM) QLD

ELEV 786



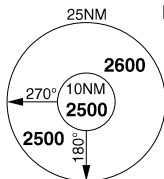
MSA - ARP



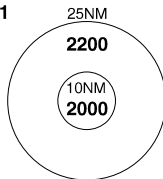
VSA - ARP

TIMBER CREEK (YTBR) NT

ELEV 51



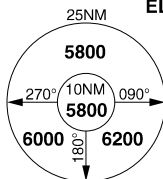
MSA - ARP



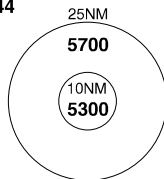
VSA - ARP

WALCHA (YWCH) NSW

ELEV 3744



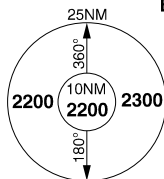
MSA - ARP



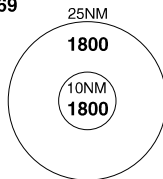
VSA - ARP

WARREN (YWRN) NSW

ELEV 669



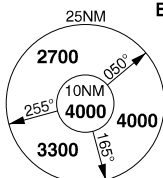
MSA - ARP



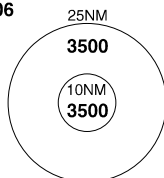
VSA - ARP

WILLIAMSON (YWIS) QLD

ELEV 106



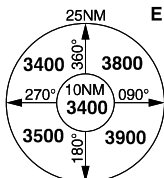
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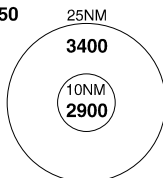
VSA - ARP

WONDAI (YWND) QLD

ELEV 1050



MSA - ARP



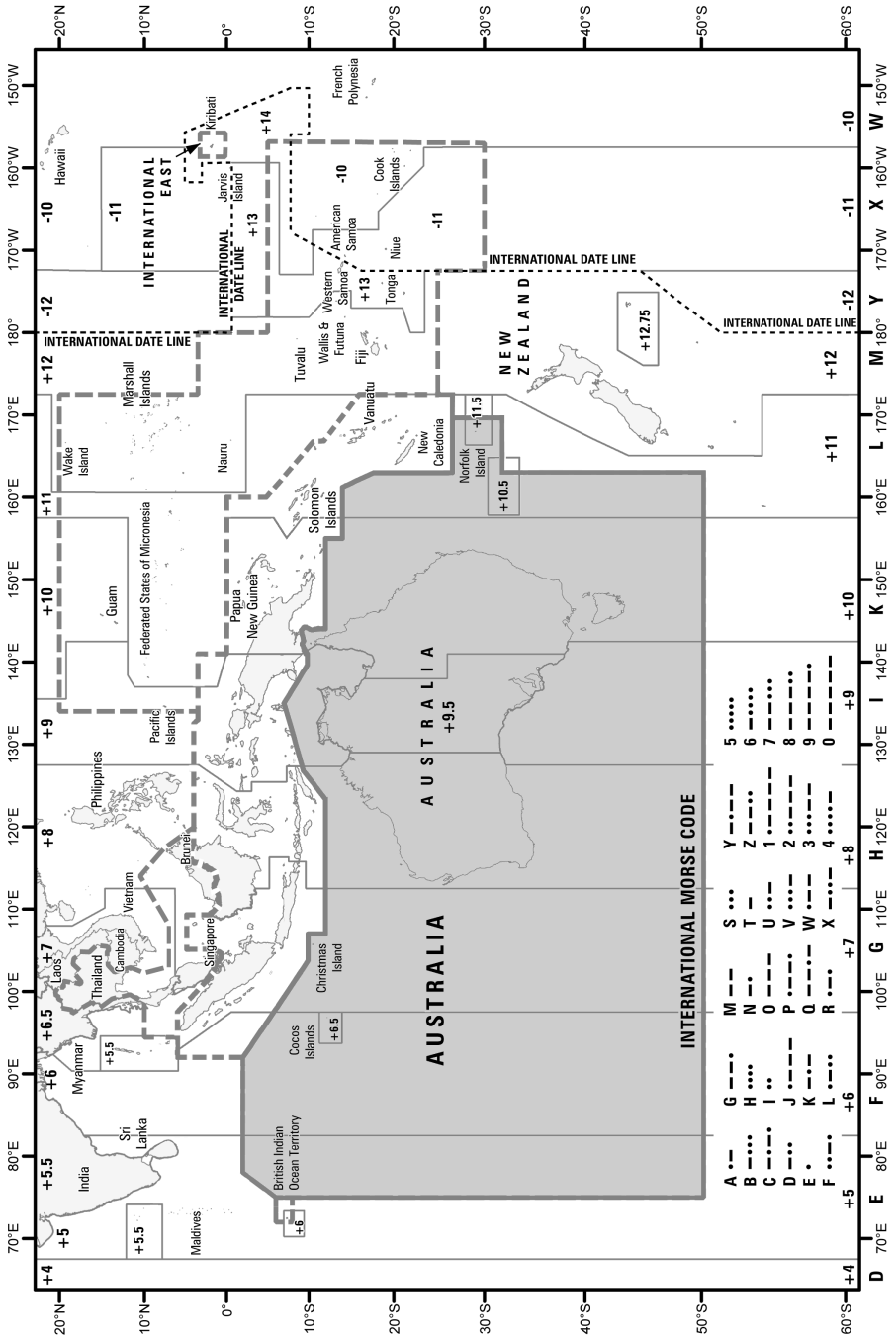
VSA - ARP

CHANGES: YTAM 10NM MSA

15 JUN 23

AIS-AF

TERMA - AREA OF COVERAGE



TERMA - AREA OF COVERAGE