MACAO SPECIAL ADMINISTRATIVE REGION
PEOPLE REPUBLIC OF CHINA
CIVIL AVIATION AUTHORITY

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AIP MACAO
AMDT 48
03 APR 2025

1. Significant Information and Changes :

This regular amendment is to update the gerneral information, as well as to correct the literal error of the charts.

2. Destroy the following pages and/or charts on implementation date		3. Insert the following new pages and/or charts on implementation date	
GEN		GEN	
0.4-1/2	20 FEB 25/20 FEB 25	0.4-1/2	03 APR 25/03 APR 25
1.6-3/4	23 MAY 19/19 OCT 23	1.6-3/4	23 MAY 19/03 APR 25
1.6-5/6	19 OCT 23/25 JUL 24	1.6-5/6	03 APR 25/25 JUL 24
1.7-1/2	16 JUN 22/01 DEC 22	1.7-1/2	03 APR 25/03 APR 25
1.7-3/4	01 DEC 22/25 JUL 24	1.7-3/4	03 APR 25/03 APR 25
AD		AD	
1.5-1/-	16 JUL 20/-	1.5-1/-	03 APR 25/-
2 - VMMC - 71/71 A	20 FEB 25/20 FEB 25	2 - VMMC - 71/71 A	03 APR 25/20 FEB 25
3 - 5/6	24 NOV 16/04 JAN 18	3 - 5/6	03 APR 25/04 JAN 18

4. INCORPORATE the following manuscript amendments :

NIL

5. Record entry of Amendment on page GEN 0.2 – 1

6. This Amendment incorporates information contained in the following AIP Supplement and/or NOTAM :

AIP Supplement: NIL
NOTAM: NIL

GEN 0.4 CHECKLIST OF AIP PAGES

PART 1 - GENERAL (GEN)

GEN 0

0.1-1	01 FEB 07
0.1-2	01 FEB 07
0.1-3	01 FEB 07
0.2-1	11 JUN 15
0.3-1	02 JAN 97
0.4-1	03 APR 25
0.4-2	03 APR 25
0.5-1	02 JAN 97
0.6-1	05 APR 01
0.6-2	05 APR 01
0.6-3	02 JAN 97

GEN 1

1.1-1	20 FEB 14
1.1-2	20 FEB 14
1.1-3	16 JUN 22
1.2-1	16 JUN 22
1.2-2	24 NOV 16
1.2-3	24 NOV 16
1.2-4	24 NOV 16
1.2-5	24 NOV 16
1.2-6	19 OCT 23
1.3-1	24 NOV 16
1.3-2	24 NOV 16
1.3-3	24 NOV 16
1.3-4	24 NOV 16
1.3-5	24 NOV 16
1.3-6	24 NOV 16
1.3-7	24 NOV 16
1.3-8	24 NOV 16
1.3-9	20 FEB 14
1.3-10	20 FEB 14
1.4-1	19 NOV 20
1.4-2	19 NOV 20
1.5-1	19 OCT 23
1.6-1	13 JUL 23
1.6-2	13 JUL 23
1.6-3	23 MAY 19
1.6-4	03 APR 25
1.6-5	03 APR 25
1.6-6	25 JUL 24
1.6-7	25 JUL 24
1.6-8	13 JUL 23
1.6-9	13 JUL 23
1.7-1	03 APR 25
1.7-2	03 APR 25
1.7-3	03 APR 25
1.7-4	03 APR 25

GEN 2

2.1-1	27 MAR 08
2.1-2	27 MAR 08
2.2-1	02 JAN 97
2.2-2	02 JAN 97
2.2-3	02 JAN 97
2.2-4	02 JAN 97
2.2-5	02 JAN 97
2.2-6	02 JAN 97
2.2-7	16 JUN 22
2.2-8	02 JAN 97
2.2-9	26 APR 18
2.3-1	30 JUL 98
2.4-1	25 JUL 02
2.5-1	20 FEB 14
2.6-1	02 JAN 97
2.6-2	02 JAN 97
2.7-1	30 JUL 98
2.7-2	02 JAN 97

GEN 3

3.1-1	26 APR 18
3.1-2	01 DEC 22
3.1-3	19 OCT 23
3.1-4	13 JUL 23
3.1-5	19 OCT 23
3.1-6	16 JUN 22
3.1-7	16 JUN 22
3.2-1	01 FEB 07
3.2-2	01 FEB 07
3.2-3	20 MAR 14
3.3-1	11 AUG 11
3.3-2	26 APR 18
3.4-1	26 APR 18
3.4-2	11 AUG 11
3.4-3	12 JUL 12
3.4-4	12 JUL 12
3.4-5	10 FEB 00
3.4-6	02 JAN 97
3.5-1	20 FEB 14
3.5-2	20 MAR 14
3.5-3	20 FEB 14
3.5-4	20 MAR 14
3.5-5	23 NOV 17
3.5-6	23 NOV 17
3.5-7	23 NOV 17
3.6-1	13 JUL 23
3.6-2	11 JUN 15
3.6-3	11 JUN 15
3.6-5	10 FEB 00

GEN 4

4.1-1	01 FEB 07
4.1-2	01 FEB 07
4.1-3	18 APR 13
4.1-4	18 APR 13
4.2-1	02 JAN 97

PART 2 - EN-ROUTE (ENR)

ENR 0

0.6-1	02 JAN 97
0.6-2	02 JAN 97

ENR 1

1.1-1	01 FEB 07
1.1-2	01 FEB 07
1.2-1	01 FEB 07
1.2-2	04 JAN 18
1.3-1	01 FEB 07
1.4-1	05 APR 01
1.5-1	24 JUN 04
1.5-2	24 JUN 04
1.5-3	24 JUN 04
1.6-1	11 AUG 11
1.7-1	10 FEB 00
1.7-2	30 JUL 98
1.8-1	02 JAN 97
1.9-1	02 JAN 97
1.10-1	01 DEC 22
1.10-2	16 JUN 22
1.11-1	23 APR 20
1.12-1	24 FEB 22
1.12-2	24 FEB 22
1.12-3	24 FEB 22
1.13-1	12 JUL 12
1.14-1	01 FEB 07
1.14-2	01 FEB 07
1.14-3	01 FEB 07
1.14-4	01 FEB 07
1.14-5	01 FEB 07
1.14-7	17 APR 14
1.14-8	17 APR 14
1.14-9	17 APR 14
1.14-10	17 APR 14
1.14-11	17 APR 14

ENR 2

2.1-1	25 FEB 10
2.2-1	02 JAN 97

ENR 3

3.1-1	02 JAN 97
3.2-1	02 JAN 97
3.3-1	02 JAN 97
3.4-1	08 SEP 22
3.4-2	08 SEP 22
3.4-2A	28 JAN 21
3.4-3	08 SEP 22
3.4-3A	19 NOV 20

2. List of International Conventions on Civil Aviation matters applicable to Macao Special Administrative Region:

International Conventions
Convention on International Civil Aviation *Chicago, December 7th 1944*
Convention for the Unification of Certain Rules relating to International Carriage by Air *Warsaw, October 12th 1929*
Hague Protocol amending the Convention for the Unification of Certain Rules relating to International Carriage by Air *Hague, September 28th 1955*
Convention on the International Recognition of Rights in Aircraft *Geneva, June 19th 1948*
Convention on Offences and Certain Other Acts Committed on Board Aircraft *Tokyo, September 14th 1963*
Convention for the Suppression of Unlawful Seizure of Aircraft *Hague, December 16th 1970*
Convention for the Suppression of Unlawful Acts Against the Safety of Civil Aviation *Montreal, September 23rd 1971*
Convention for the Unification of Certain Rules for International Carriage by Air *Montreal, May 28th 1999*
Protocol for the Suppression of Unlawful Acts of Violence at Airports serving International Civil Aviation *Montreal, February 24th 1988*
International Air Services Transit Agreement *Chicago, 7 December 1944*

TABLE 1.6.1

Air Navigation Order

Provision for Notification	**Notification**
Instrument Landing System	Notified in ENR Section.
Radio Frequencies	The radio frequencies in use by aeronautical radio stations are notified in the AD Section.
Mechanical radio watch	Frequencies fitted with suitable equipment to permit the maintenance of a mechanical radio watch are notified in the AD Section.

Provision for Notification	Notification
Definitions of an Aerodrome Traffic Zone	Controlled airspace is notified in the ENR Section.
Carriage of Radio Equipment	A requirement ensure two way communications with Air Traffic Control Unit.
Carriage of Transponder	A requirement for the carriage of a secondary surveillance radar transponder is notified in the GEN Section.
Holding and Instrument Approach Procedures	Holding and Instrument Approach Procedures are notified in the ENR Section.
Position Reports	Position Reporting Procedures are notified in the ENR Section.
Radio Frequencies for the Air Traffic Control communications at aerodrome	Notified in the AD Section.

3. Aeronautical Circular

The President of Civil Aviation Authority, in exercise of his power under Paragraph 89 of the Air Navigation Regulation of Macao (ANRM) and Article 35 of the Statutes of Civil Aviation Authority, approved by the Decree-Law 10/91/M, established this Aeronautical Circular (AC) system.

3.1 General (GEN)

Number	Version	Subject
AC/GEN/001	R03	New System of Issuance of Aeronautical Circulars
AC/GEN/002	R05	Rules Concerning Aeronautical Accidents and Incidents
AC/GEN/003	R02	Mandatory Occurrence Reporting Scheme
AC/GEN/004	R00	Units Of Measurement To Be Used In Air And Ground Operations
AC/GEN/005	R06	Safety Management System Requirements
AC/GEN/006	R01	Macao Runway Safety Programme
AC/GEN/007	R00	Exemption Procedure
AC/GEN/008	R05	Cancellation of several Aeronautical Circulars
AC/GEN/009	R01	Macao Confidential Aviation Reporting System
AC/GEN/010	R01	Safety Information Protection
AC/GEN/012	R00	Monitoring, reporting and verification (MRV) of aeroplane operator annual CO2 emissions
AC/GEN/013	R00	Operator Permit for Unmanned Aircraft Operations in Macao
AC/GEN/014	R00	Dangerous Goods Training Programme

3.2 Airport (AGA)

Number	Version	Subject
AC/AGA/003	R01	Aviation Fuel at Aerodromes - Storage, Handling and Quality Control
AC/AGA/004	R00	Bird Strike Reporting
AC/AGA/007	R00	Aerodrome Director Responsibilities, Authority and Qualifications
AC/AGA/008	R00	Aerodrome Manual Requirements
AC/AGA/010	R01	Manual of Standards - Aerodromes
AC/AGA/011	R01	Manual of Standards - Heliports
AC/AGA/012	R00	Restrictions on carriage of Liquids, Aerosols and Gels (LAGs) and Prohibited Articles
AC/AGA/013	R02	Restrictions on Dangerous Goods
AC/AGA/014	R00	Global Reporting Format for Runway Surface Condition

3.3 Air Traffic Services

Number	Version	Subject
AC/ATS/001	R01	Scheme of Working Hours of Air Traffic Controllers
AC/ATS/003	R05	ATS Requirements
AC/ATS/004	R02	Air Traffic Service Manual Requirements
AC/ATS/005	R04	Air Traffic Control Approval Requirements
AC/ATS/006	R08	Manual of Standards - Air Traffic Management
AC/ATS/008	R01	Instrument Flight Procedures Approval Requirements

3.4 Airworthiness

Number	Version	Subject
AC/AW/001	R03	Process for Acceptance of Used Engines, Engine Modules, Auxiliary Power Units (APUs) and Propellers for Use on Aircraft Requiring a Macao Certificate of Airworthiness
AC/AW/002	R06	Acceptance of Aircraft Components
AC/AW/004	R19	Macao Aviation Requirements MAR-1 Airworthiness Procedures
AC/AW/005	R02	Coding and Registration of Macao 406 MHz Emergency Locator Transmitter (ELT) for Search and Rescue
AC/AW/011	R02	Macao Aviation Requirements MAR-145 Approved Maintenance Organisations
AC/AW/012	R00	Extension/Variation of Aircraft Maintenance Programme Inspection Schedules
AC/AW/013	R00	Mandatory Modifications, Inspections and Changes to Approved Documentation
AC/AW/015	R00	Disposition of Scrap Aircraft Parts & Materials

AC/AW/016	R00	Detecting and Reporting of Unapproved Parts
AC/AW/017	R00	Return to Service of Aircraft Items Recovered from Aircraft Involved in Accidents/Incidents
AC/AW/021	R04	Cooperation Arrangement on Mutual Acceptance of Certificates of Airworthiness Between Civil Aviation Administration of China, Civil Aviation Department, Hong Kong, China and Civil Aviation Authority-Macao, China
AC/AW/022	R02	Acceptable Means of Compliance and Interpretative / Explanatory Material (AMC & IEM) to the Nineteenth Schedule of Air Navigation Regulations of Macau (ANRM)
AC/AW/023	R09	Flight Recorders
AC/AW/026	R02	Cooperation Arrangement on Mutual Acceptance of Approvals of Design Change and Repair Design Among Civil Aviation Administration of China, Civil Aviation Department, Hong Kong, China and Civil Aviation Authority - Macao, China
AC/AW/028	R00	Weight and Balance of Aircraft
AC/AW/029	R02	Certificate of Maintenance Review
AC/AW/030	R00	Airborne Collision Avoidance System Requirement
AC/AW/034	R01	Markings and placards
AC/AW/035	R00	Cooperation Arrangement on Joint Maintenance Management between Civil Aviation Administration of China, Civil Aviation Department of the Hong Kong Special Administrative Region Government, China and Civil Aviation Authority of the Macao Special Administrative Region, China
AC/AW/036	R00	Runway Overrun Awareness and Alerting System
AC/AW/037	R00	Location of an Aeroplane in Distress
AC/AW/038	R00	Aircraft Maintenance Programme (with effect from 01 May 2023)

GEN 1.7 DIFFERENCES FROM ICAO STANDARDS, RECOMMENDED PRACTICES AND PROCEDURES

1. Annex 1 - Personnel Licensing (13th Edition, Amendment 176)

2.1.1.1	Following Pilot Licenses are not issued in Macao: Private Pilot License (Airship, Powered-lift) Commercial Pilot License (Airship, Powered-lift) Airline Transport Pilot License (Powered-lift) Multi-crew Pilot License Glider Pilot License Free Balloon Pilot License
2.3.1.1	The applicant for a Private Pilot License – Aeroplane or Private Pilot License - Helicopter shall be not less than 18 years of age.
2.4.2.1 c)	Privileges of Commercial Pilot License – Aeroplane or Helicopter holders when acting as pilot-in-command in commercial air transportation are subject to the following conditions: to act as pilot-in-command in commercial air transportation in any aeroplane or helicopter, whichever is the applicable case of his/her license, certified for single-pilot operation; but which maximum certificated take-off mass does not exceed 5,700 kg and which is of a type specified in the aircraft rating section included in the license, when the aircraft is engaged in a flight for the purpose of commercial air transportation; and Provided that: i) he/she shall not, unless his/her license includes an instrument rating, fly such an aircraft on any scheduled journey; ii) he/she shall not fly such an aircraft on a flight carrying passengers at night unless an instrument rating is included in his/her license; and iii) he/she shall not, unless his/her license includes an instrument rating, fly any such aircraft of which the maximum certificated take-off mass exceeds 2,300 kg on any flight for the purpose of commercial air transport except a flight beginning and ending at Macao and not extending beyond 25 nautical miles from Macao;
3.2.1.1	The applicant for a Flight Navigator License shall be not less than 21 years of age.
3.3.1.1	The applicant for a Flight Engineer License shall be not less than 21 years of age.
3.4	There are specific regulations relating to the Flight Radiotelephone Operator License.

6.3.1.2.1*	No routine examination items related to assessment of physical fitness can be omitted.
* Denotes ICAO Recommended practices	

2. Annex 2 - Rules of the Air (10th Edition, Amendment 45)

4.6	Within Macao ATZ: a) Minimum height over congested area is 1500ft. b) Aircraft must maintain a minimum distance of 500 ft from persons, vessels, vehicles and structures. The minimum heights apply to all flights whether under both VFR and IFR.

DOC4444 - Procedures for Air Navigation Services – Air Traffic Management (16th Edition, Amendment 11)

NIL.

3. Annex 3 - Meteorological Service for International Air Navigation (20th Edition, Amendment 80)

NIL.

4. Annex 4 - Aeronautical Charts (11th Edition, Amendment 62)

NIL.

5. Annex 5 - Units of Measurement to be used in Air and Ground Operations (4th Edition, Amendment 17)

NIL.

6. Annex 6 - Operation of Aircraft

6.1 Part I - International Commercial Air Transport - Aeroplanes) (12th Edition, Amendment 49)

4.9.1	Single pilot operations under IFR or at night not permitted.
4.9.2	Single pilot operations under IFR or at night not permitted.
5.4.1	Operations of single-engine turbine-powered aeroplanes at night and/or in IMC not permitted
5.4.2	Operations of single-engine turbine-powered aeroplanes at night and/or in IMC not permitted
6.23	Single pilot operations under IFR or at night not permitted.
9.4.5.1	Single pilot operations under IFR or at night not permitted.

9.4.5.2*	Single pilot operations under IFR or at night not permitted.
9.4.5.3	Single pilot operations under IFR or at night not permitted.
* Denotes ICAO Recommended practices	

6.2 Part II - International General Aviation - Aeroplanes (11th Edition, Amendment 41)

NIL.

6.3 Part III - International Operations - Helicopters (11th Edition, Amendment 25)

NIL.

7. Annex 7 - Aircraft Nationality and Registration Marks (6th Edition, Amendment 6)

NIL.

8. Annex 8 - Airworthiness of Aircraft (12th Edition, Amendment 107)

NIL.

9. Annex 9 - Facilitation (15th Edition, Amendment 26)

3.24	The visitor's visa conditions are in accordance with Macao, SAR China Administrative Regulation 5/2003 "Approval of regulation on entry, stay and residence permit".

10. Annex 10 - Aeronautical Telecommunications

10.1 Volume I - Radio Navigation Aids (7th Edition, Amendment 93)

LLZ RWY 16 (MCS) offset not in compliance with ICAO ANNEX 10 classification.

Note: Some deviations (bends) between 6.5 NM and 4.5 NM

10.2 Volume II - Communication Procedures including those with PANS Status (7th Edition, Amendment 93)

NIL.

10.3 Volume III - Communications Systems (2nd Edition, Amendment 92)

NIL.

10.4 Volume IV - Surveillance Radar and Collision Avoidance Systems (5th Edition, Amendment 91)

NIL.

10.5 Volume V - Aeronautical Radio Frequency Spectrum Utilization (3rd Edition, Amendment 89)

NIL.

11. Annex 11 - Air Traffic Services (15th Edition, Amendment 52)

NIL.

12 Annex 12 - Search and Rescue (8th Edition, Amendment 18)

NIL.

13. Annex 13 - Aircraft Accident Investigation (12th Edition, Amendment 18)

3.2	AACM had set up a permanent Accident Prevention and Investigation Group within the AACM. The group consists of 2 safety officers. In order to ensure independency, it functions independently from the regulatory Directorates and report directly to president of AACM. When accident investigation needs to be activated, the IIC has to be appointed by the president of AACM.

14. Annex 14 – Aerodromes

14.1 Volume I - Aerodrome Design and Operations (7th Edition, Amendment 13-B)

3.4.3	Macau International Airport provides a runway strip that measures 150 meters from the runway centerline except for the northwestern half which is 106 meters. The area beyond the 106 meter mark falls within the water basin contained between the runway and the two taxiway bridges.
3.5.3	The length of runway end safety area of Macau International Airport is 90 m.
5.3.4.22	The approach lighting system for MIA consits of a row of lights on the extended centre line of the runway, extending over a distance of 420m from the runway threshold instead of the desirable distance of 900m.

14.2 Volume II - Heliports (5th Edition, Amendment 9)

3.1.39	The width of taxi route for the taxiway in the Macau Heliport is 15.6 meters.
3.1.41	The width of taxi route for the taxiway in the Macau Heliport is 15.6 meters.

15. Annex 15 - Aeronautical Information Services (16th Edition, Amendment 43)

NIL.

16. Annex 16 - Environmental Protection

16.1 Volume I - Aircraft Noise (8th Edition, Amendment 14)

Part II	
1.6	Noise Certificate (AW/AIR/011) issued by the AACM has its own numbering system

16.2 Volume II - Aircraft Engine Emissions (5th Edition, Amendment 11)

NIL.

16.3 Volume III - Aeroplane CO_2 Emissions (1st Edition, Amendment 2)

NIL.

17. Annex 17 - Security - Safeguarding International Civil Aviation Against Acts of Unlawful Interference (12th Edition, Amendment 18)

3.5.2	Background check is not applied to persons with access to sensitive aviation security information.

18 Annex 18 - The Safe Transport of Dangerous Goods by Air (4th Edition, Amendment 12)

NIL.

19 Annex 19 - Safety Management (2nd Edition, Amendment 1)

NIL.

AD 1.5 STATUS OF CERTIFICATION OF AERODROMES

Aerodrome Name Location Indicator	Date of Certification	Validity of Certification	Remarks
Macau International Airport VMMC	19 July 2024	5 Years	NIL
Macau Heliport VMMH	31 July 2023	5 Years	NIL

INTENTIONALLY

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INSTRUMENT APPROACH CHART - ICAO

HEIGHTS RELATED TO AD. ELEV *20 (1 hPa)*

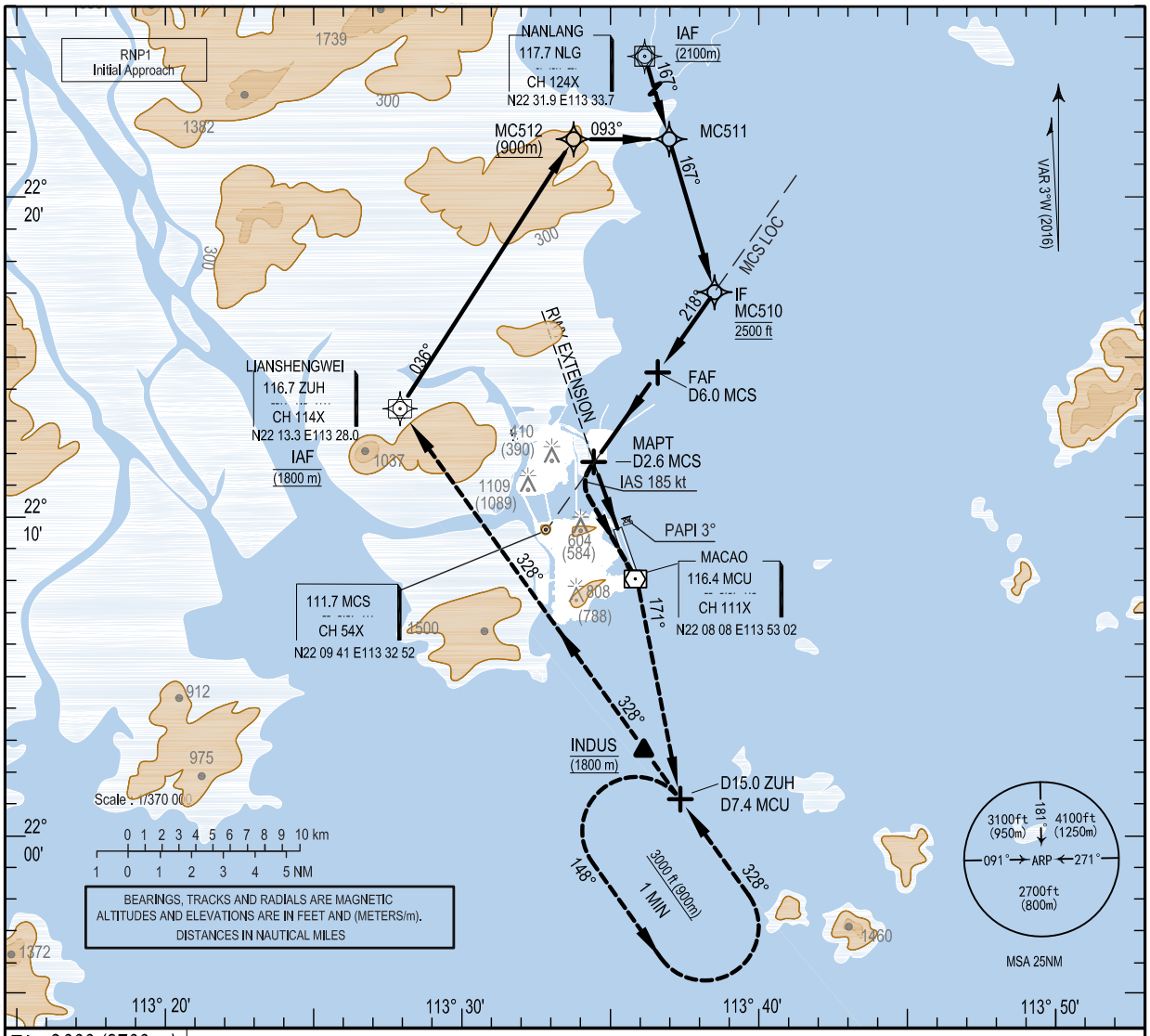
ATIS MACAO : 126.4
APP : ZHUHAI Approach 120.35 / 123.85 (1)
HONG KONG Radar 126.3 / 119.1(2)
TWR : MACAO Tower 118.0
MACAO Ground 121.725 / 121.975

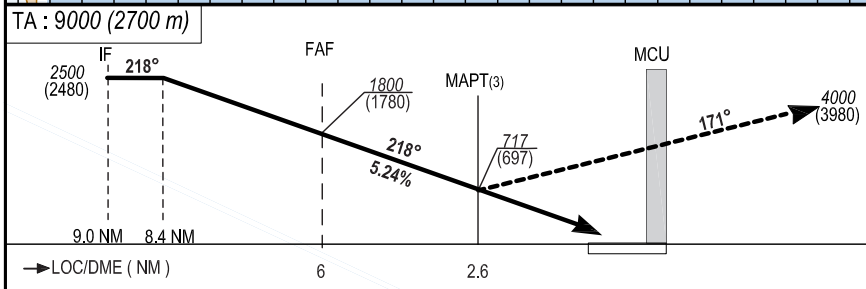
AD 2 - VMMC - 71
LOC/DME z RWY 16
RNAV(GNSS)

PROTECTED FOR A B C D CAT

03 APR 2025

MAX APCH TURNING SPEED : 190 kt IAS
MAX MISSED APCH TURNING SPEED : 185 kt IAS





MISSED APPROACH(1)
Initial climb on MCU VOR R344° to 4000ft (1200m). At MCU VOR, track outbound on R171° until D7.4 MCU. Expect further instruction from Hong Kong Radar to cross INDUS and establish inbound on ZUH VOR R 148°. Cross ZUH VOR at 1800m or as directed by ATC.
When required, join the holding pattern at MCU R171°/D7.4(ZUH R148°/D15.0) at or above 3000ft (900m), or proceed as directed by ATC.

Standard MNM : vertical distances in feet, horizontal visibility in meters.

REF HEIGHT : *ALT AD.*

CAT	LOC OCH : 700		CIRCLING	
	MDH	HV	MDH	HV
A	700	3600	Not Applicable	
B	700	3600		
C	700	3600		
D	700	3600		

LOC/DME MCS				
NM	6	5	4	3
ALT	*1800*	*1482*	*1163*	*845*
(HEIGHT)	(1780)	(1462)	(1143)	(825)

(3) The approach final segment is offset from landing direction by 054°
On the approach final segment, and at pilot discretion, a visual left turn should be initiated in time to allow lining up with the runway, considering the aircraft type, approach speed....
before the MAPT.
At MAPT (2.6 NM LOC/DME), even visual, the missed approach procedure is mandatory.

FAF - MAPT	3.4 NM	70 kt	85 kt	100 kt	115 kt	130 kt	160 kt	185 kt
		2 min 55	2 min 24	2 min 03	1 min 47	1 min 34	1 min 17	1 min 06

FMC Database Coding Reference for LOC/DME z RWY 16 APCH

Sequence Number	Path Terminator	Waypoint	FAF MAP	Fly-over	Track °M (°T)	Distance (NM)	Turn Dir	Altitude (ft)	Speed (knot)	VPA/ TCH	Navigation Specification
001	IF	ZUH	—	—	—	—	—	@5900	—	—	RNP APCH
002	TF	MC512	—	—	036(033)	10.0	—	+3000	-190	—	RNP APCH
003	TF	MC511	—	—	093(090)	3.0	—	—	-190	—	RNP APCH
004	TF	MC510	—	—	167(164)	5.0	—	@2500	-190	—	RNP APCH
001	IF	NLG	—	—	—	—		@6900		—	RNP APCH
002	TF	MC511	—	—	167(164)	10.4	—	—	—	—	RNP APCH
003	TF	MC510	—	—	167(164)	5.0	—	@2500	-190	—	RNP APCH

Waypoint Coordinates

Waypoint Name	Coordinates (WGS84)	
INDUS	22°02′41.0″N	113°36′01.0″E
MC510	22°17′02.13″N	113°38′29.61″E
MC511	22°21′49.23″N	113°36′58.39″E
MC512	22°21′49.25″N	113°33′45.41″E
MCU	22°08′08″N	113°35′52″E
NLG	22°31.9′N	113°33.7′E
ZUH	22°13.3′N	113°28.0′E

AD 3.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Macau
2	Hours of service MET office outside hours	H24
3	Office responsible for TAF preparation Periods of validity	Macau MET Office 30 HR
4	Type of landing forecasts Interval of issuance	TREND At least every 30 minutes
5	Briefing/consultation provided	Personal consultation.
6	Flight documentation Language used	Charts, METARs, TAFs, SIGMETs, VA and TC advisory information English
7	Charts and other information available for briefing or consultation	Prognostic upper air chart, Significant weather chart, Weather Satellite & Radar, Lighting Detector
8	Supplementary equipment available for providing information	Aviation Weather Information System (AWIS)
9	ATS units provided with information	Macau TWR
10	Additional information (limitations of service etc.)	NIL.

AD 3.12 HELIPORT DATA

1	heliport type	Elevated
2	TLOF dimensions	Northern Helipad –17m x 17m Southern Helipad – 17m x 17m
3	FATO, GEO and MAG bearings	028° / 208° GEO 031° / 211° MAG
4	FATO dimensions and SFC type	Northern Helipad – 17m x 17m Synthetic Southern Helipad – 17m x 17m Synthetic
5	TLOF, SFC and BRG strength	synthetic, 9000 kg
6	Coordinates of geometric centre TLOF or THR of FATO	N22°11.80 E113°33.55 Midpoint of Northern Helipad N22°11.80 E113°33.60 Midpoint of Southern Helipad
7	TLOF / FATO, elevation and	elevation : 84 ft (25 m) MSL, slope : 0°
8	Safety area dimensions	34m x 34m. A 1.5m safety net extends outward from the edges of the helipad.

AD 3.13 DECLARED DISTANCES

	TODAH (m)	RTODAH (m)	LDAH (m)	Remarks
	1	2	3	4
FATO 03L	To be notified			
FATO 03R	To be notified			
FATO 21L	To be notified			
FATO 21R	To be notified			