

MACAO SPECIAL ADMINISTRATIVE REGION  
PEOPLE'S REPUBLIC OF CHINA  
CIVIL AVIATION AUTHORITY

Postal Address: Alameda Dr. Carlos D'Assumpção, 336-342  
Centro Comercial Cheng Feng, 18 ºandar  
Macao, China  
AFTN ADDRESS: VMMCYAYX  
TELEPHONE NUMBER: (853) 2851 1213  
FAX NUMBER: (853) 2833 8089  
E-MAIL: aacm@aacm.gov.mo

AIP MACAO  
AMDT 49  
21 AUG 2025

1. Significant Information and Changes :

This regular amendment is to update the general information, as well as to correct the literal error and update the Heliport data.

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 07 AUG 25/07 AUG 25	0.4-1/2 21 AUG 25/21 AUG 25
1.6-1/2 13 JUL 23/13 JUL 23	1.6-1/2 13 JUL 23/21 AUG 25
1.6-5/6 03 APR 25/25 JUL 24	1.6-5/6 21 AUG 25/21 AUG 25
1.6-7/8 25 JUL 24/13 JUL 23	1.6-7/8 21 AUG 25/21 AUG 25
1.7-1/2 03 APR 25/03 APR 25	1.7-1/2 03 APR 25/21 AUG 25
ENR	ENR
1.10-1/1.10-2 07 AUG 25/16 JUN 22	1.10-1/1.10-2 21 AUG 25/16 JUN 22
AD	AD
3 - 1/2 04 JAN 18/24 NOV 16	3 - 1/2 21 AUG 25/24 NOV 16
3 - 5/6 03 APR 25/04 JAN 18	3 - 5/6 03 APR 25/21 AUG 25

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**

<b>PART 1 - GENERAL (GEN)</b>		2.1-2	27 MAR 08	4.2-1	02 JAN 97
<b>GEN 0</b>		2.2-1	02 JAN 97	<b>PART 2 - EN-ROUTE (ENR)</b>	
0.1-1	01 FEB 07	2.2-2	02 JAN 97	<b>ENR 0</b>	
0.1-2	01 FEB 07	2.2-3	02 JAN 97	0.6-1	02 JAN 97
0.1-3	01 FEB 07	2.2-4	02 JAN 97	0.6-2	02 JAN 97
0.2-1	11 JUN 15	2.2-5	02 JAN 97	<b>ENR 1</b>	
0.3-1	02 JAN 97	2.2-6	02 JAN 97	1.1-1	01 FEB 07
0.4-1	21 AUG 25	2.2-7	16 JUN 22	1.1-2	01 FEB 07
0.4-2	21 AUG 25	2.2-8	02 JAN 97	1.2-1	01 FEB 07
0.5-1	02 JAN 97	2.2-9	26 APR 18	1.2-2	04 JAN 18
0.6-1	05 APR 01	2.3-1	30 JUL 98	1.3-1	01 FEB 07
0.6-2	05 APR 01	2.4-1	25 JUL 02	1.4-1	05 APR 01
0.6-3	02 JAN 97	2.5-1	20 FEB 14	1.5-1	24 JUN 04
<b>GEN 1</b>		2.6-1	02 JAN 97	1.5-2	24 JUN 04
1.1-1	20 FEB 14	2.6-2	02 JAN 97	1.5-3	24 JUN 04
1.1-2	20 FEB 14	2.7-1	30 JUL 98	1.6-1	11 AUG 11
1.1-3	16 JUN 22	2.7-2	02 JAN 97	1.7-1	10 FEB 00
1.2-1	16 JUN 22	<b>GEN 3</b>		1.7-2	30 JUL 98
1.2-2	24 NOV 16	3.1-1	26 APR 18	1.8-1	02 JAN 97
1.2-3	24 NOV 16	3.1-2	01 DEC 22	1.9-1	02 JAN 97
1.2-4	24 NOV 16	3.1-3	19 OCT 23	1.10-1	21 AUG 25
1.2-5	24 NOV 16	3.1-4	13 JUL 23	1.10-2	16 JUN 22
1.2-6	24 NOV 16	3.1-5	19 OCT 23	1.11-1	23 APR 20
1.3-1	24 NOV 16	3.1-6	16 JUN 22	1.12-1	24 FEB 22
1.3-2	24 NOV 16	3.1-7	16 JUN 22	1.12-2	24 FEB 22
1.3-3	24 NOV 16	3.2-1	01 FEB 07	1.12-3	24 FEB 22
1.3-4	24 NOV 16	3.2-2	01 FEB 07	1.13-1	12 JUL 12
1.3-5	24 NOV 16	3.2-3	20 MAR 14	1.14-1	01 FEB 07
1.3-6	24 NOV 16	3.3-1	11 AUG 11	1.14-2	01 FEB 07
1.3-7	24 NOV 16	3.3-2	26 APR 18	1.14-3	01 FEB 07
1.3-8	24 NOV 16	3.4-1	26 APR 18	1.14-4	01 FEB 07
1.3-9	24 NOV 16	3.4-2	11 AUG 11	1.14-5	01 FEB 07
1.3-10	20 FEB 14	3.4-3	12 JUL 12	1.14-7	17 APR 14
1.4-1	20 FEB 14	3.4-4	12 JUL 12	1.14-8	17 APR 14
1.4-2	19 NOV 20	3.4-5	10 FEB 00	1.14-9	17 APR 14
1.5-1	19 NOV 20	3.4-6	02 JAN 97	1.14-10	17 APR 14
1.6-1	19 OCT 23	3.5-1	20 FEB 14	1.14-11	17 APR 14
1.6-2	13 JUL 23	3.5-2	20 MAR 14	<b>ENR 2</b>	
1.6-3	21 AUG 25	3.5-3	20 FEB 14	2.1-1	25 FEB 10
1.6-4	23 MAY 19	3.5-4	20 MAR 14	2.2-1	02 JAN 97
1.6-5	03 APR 25	3.5-5	23 NOV 17	<b>ENR 3</b>	
1.6-6	21 AUG 25	3.5-6	23 NOV 17	3.1-1	02 JAN 97
1.6-7	21 AUG 25	3.5-7	23 NOV 17	3.2-1	02 JAN 97
1.6-8	21 AUG 25	3.6-1	13 JUL 23	3.3-1	02 JAN 97
1.6-9	21 AUG 25	3.6-2	11 JUN 15	3.4-1	08 SEP 22
1.7-1	13 JUL 23	3.6-3	11 JUN 15	3.4-2	08 SEP 22
1.7-2	03 APR 25	3.6-5	10 FEB 00	3.4-2A	28 JAN 21
1.7-3	21 AUG 25	<b>GEN 4</b>		3.4-3	08 SEP 22
1.7-4	03 APR 25	4.1-1	01 FEB 07	3.4-3A	19 NOV 20
<b>GEN 2</b>		4.1-2	01 FEB 07		
2.1-1	27 MAR 08	4.1-3	18 APR 13		
		4.1-4	18 APR 13		

3.4-4	22 FEB 24	2 - VMMC - 12	01 FEB 07	2 - VMMC - 64 F	28 NOV 24
3.4-5	22 FEB 24	2 - VMMC - 13	25 JUL 24	2 - VMMC - 64 G	28 NOV 24
3.5-1	02 JAN 97	2 - VMMC - 14	25 JUL 24	2 - VMMC - 64 H	28 NOV 24
3.6-1	02 JAN 97	2 - VMMC - 15	25 JUL 24	2 - VMMC - 65	07 AUG 25
		2 - VMMC - 16	25 JUL 24	2 - VMMC - 65 A	23 FEB 23
<b>ENR 4</b>		2 - VMMC - 17	25 JUL 24	2 - VMMC - 66 A	07 AUG 25
4.1-1	02 JAN 97	2 - VMMC - 18	25 JUL 24	2 - VMMC - 66 B	23 FEB 23
4.2-1	02 JAN 97	2 - VMMC - 18 A	25 JUL 24	2 - VMMC - 66 C	07 AUG 25
4.3-1	02 JAN 97	2 - VMMC - 19	25 JUL 24	2 - VMMC - 66 D	27 JAN 22
4.4-1	04 JAN 18	2 - VMMC - 19 A	25 JUL 24	2 - VMMC - 67	07 AUG 25
		2 - VMMC - 20	13 JUL 23	2 - VMMC - 68	27 JAN 22
<b>ENR 5</b>		2 - VMMC - 21	18 APR 13	2 - VMMC - 68 A	07 AUG 25
5.1-1	04 JAN 18	2 - VMMC - 22	18 APR 13	2 - VMMC - 68 B	27 JAN 22
5.2-1	02 JAN 97	2 - VMMC - 23	18 APR 13	2 - VMMC - 68 C	07 AUG 25
5.3-1	02 JAN 97	2 - VMMC - 24	28 MAR 19	2 - VMMC - 68 D	28 JAN 21
5.4-1	02 JAN 97	2 - VMMC - 25	13 JUL 23	2 - VMMC - 68 E	27 JAN 22
5.5-1	02 JAN 97	2 - VMMC - 26	07 AUG 25	2 - VMMC - 69	07 AUG 25
5.6-1	02 JAN 97	2 - VMMC - 27	18 APR 13	2 - VMMC - 69 A	22 FEB 24
		2 - VMMC - 50	22 FEB 24	2 - VMMC - 69 B	07 AUG 25
<b>ENR 6</b>		2 - VMMC - 51	03 MAY 01	2 - VMMC - 69 C	07 AUG 25
6-1	02 JAN 97	2 - VMMC - 52	25 JUL 24	2 - VMMC - 69 D	07 AUG 25
		2 - VMMC - 53	25 JUL 24	2 - VMMC - 69 E	22 FEB 24
<b>PART 3 - AERODROMES</b>		2 - VMMC - 54	04 JAN 18	2 - VMMC - 70	07 AUG 25
<b>(AD)</b>		2 - VMMC - 55	04 JAN 18	2 - VMMC - 71	07 AUG 25
		2 - VMMC - 56	02 JAN 97	2 - VMMC - 71 A	20 FEB 25
<b>AD 0</b>		2 - VMMC - 57	28 NOV 24	2 - VMMC - 71 B	07 AUG 25
0.6-1	16 JUL 20	2 - VMMC - 57 A	28 NOV 24	2 - VMMC - 71 C	07 AUG 25
0.6-2	20 MAR 14	2 - VMMC - 57 B	28 NOV 24	2 - VMMC - 71 D	07 AUG 25
0.6-3	20 MAR 14	2 - VMMC - 57 C	28 MAR 19	2 - VMMC - 71 E	20 FEB 25
		2 - VMMC - 58	07 AUG 25	2 - VMMC - 71 F	07 AUG 25
<b>AD 1</b>		2 - VMMC - 59	07 AUG 25	2 - VMMC - 71 G	20 FEB 25
1.1-1	15 JUL 10	2 - VMMC - 60	07 AUG 25	2 - VMMC - 72	07 AUG 25
1.1-2	07 AUG 25	2 - VMMC - 60 C	07 AUG 25	2 - VMMC - 73	04 JAN 18
1.1-3	26 APR 18	2 - VMMC - 60 D	07 AUG 25	2 - VMMC - 74	04 JAN 18
1.2-1	13 JUL 23	2 - VMMC - 60 E	07 AUG 25		
1.3-1	02 JAN 97	2 - VMMC - 60 F	07 AUG 25	<b>AD 3</b>	
1.4-1	02 JAN 97	2 - VMMC - 61	07 AUG 25	3 - 1	21 AUG 25
1.5-1	03 APR 25	2 - VMMC - 62	28 NOV 24	3 - 2	24 NOV 16
		2 - VMMC - 62 A	28 NOV 24	3 - 3	24 NOV 16
<b>AD 2</b>		2 - VMMC - 62 B	28 NOV 24	3 - 4	24 FEB 22
2 - VMMC - 1	26 APR 18	2 - VMMC - 62 C	07 AUG 25	3 - 5	03 APR 25
2 - VMMC - 2	23 MAY 17	2 - VMMC - 62 D	28 NOV 24	3 - 6	21 AUG 25
2 - VMMC - 3	13 JUL 23	2 - VMMC - 62 E	28 NOV 24	3 - 7	24 NOV 16
2 - VMMC - 4	17 JUN 21	2 - VMMC - 62 F	28 NOV 24	3 - 8	24 NOV 16
2 - VMMC - 5	20 MAR 14	2 - VMMC - 63	07 AUG 25	3 - 9	04 JAN 18
2 - VMMC - 6	24 MAY 18	2 - VMMC - 63 A	07 AUG 25		
2 - VMMC - 7	24 MAY 18	2 - VMMC - 64 A	07 AUG 25		
2 - VMMC - 8	23 FEB 23	2 - VMMC - 64 B	07 AUG 25		
2 - VMMC - 9	23 FEB 23	2 - VMMC - 64 C	07 AUG 25		
2 - VMMC - 10	01 FEB 07	2 - VMMC - 64 D	07 AUG 25		
2 - VMMC - 11	01 FEB 07	2 - VMMC - 64 E	07 AUG 25		

## GEN 1.6 SUMMARY OF MACAO SPECIAL ADMINISTRATIVE REGION LAWS, REGULATIONS AND INTERNATIONAL AGREEMENTS / CONVENTIONS

### 1 List of Laws and Regulations applicable to Civil Aviation in Macao Special Administrative Region:

Reference	Laws and Regulations
Decree Law n.10/91/M-4 February	Establishes the Civil Aviation Authority
Decree Law n. 52/94/M-7 November	Establishes the legal system governing the aeronautical restrictions in the territory of Macao
Decree Law n. 9/95/M-6 February	Amends the statute of the Civil Aviation Authority
Portaria n. 232/95/M-14 August	Rules the authorization process to operate non-scheduled flights in Macau International Airport
Portaria n. 233/95/M-14 August	Defines the surrounding areas of the Macau International Airport which are restricted by the aeronautical restrictions
Portaria n. 282/96/M-11 November	Updates the Macau International Airport charges
Decree Law n. 66/96/M-18 November	Rules the baggages and other objects abandoned in the Macau International Airport
Decree Law n. 10/98/M-30 March	Approves the system for aircraft registry
Portaria n. 152/98/M-15 June	Updates the Macau International Airport charges
Regulamento Administrativo n.º 31/2003	Administrative regulation regarding administrative infractions committed on board civil aircraft
Regulamento Administrativo n.º 10/2004	Defines the basic principles ruling the civil aviation activities in the Macao SAR.
Regulamento Administrativo n.º 11/2004	Rules the liability limits of the operators of aircraft <ul style="list-style-type: none"> <li>a) Registered in the Macao SAR,</li> <li>b) Using Macao's civil aviation infrastructures or</li> <li>c) Using the air space assigned to the Macao SAR.</li> </ul>

Ordem Executiva n. 36/2004	Updates the Macau International Airport charges
Executive Order no. 26/2006	Amends Articles 10 and 14 of Portaria no. 282/96/M of 11 November
Administrative Regulation no. 18/2008	Amends Administrative Regulation no. 10/2004 that defines the basic principles ruling the civil aviation activities in the Macao SAR
Despacho of Chief Executive no. 295/2010	Amends the Portaria no. 233/95/M of 14 August that defines the surrounding areas of Macau International Airport that are restricted by the aeronautical restrictions
Administrative Regulation no. 19/2011	Amends Administrative Regulation no. 11/2004 that rules the liability limits of the operators of aircraft
Administrative Regulation no. 18/2012	Aerodrome Certification
Executive Order no. 45/2012	Establishes the charging scheme of the Civil Aviation Authority for the scope of services it provides within its responsibilities
Law no. 2/2013	Civil Aviation Accident and Incident Investigation and Aviation Safety Information Protection Law
Executive Order no. 13/2013	Updates the Macau International Airport charges
Executive Order no. 43/2021	Approves the Air Navigation Regulation of Macao
Administrative Regulation no. 16/2022	Air Transport Facilitation and Civil Aviation Security Systems
Despacho of Chief Executive no. 68/2023	Approves the Macao SAR Civil Aviation Security Programme
Law no. 4/2025 (Article 16, parts of Article 30 related to AOC, and number 1 of Article 69 only)	Civil Aviation Activity Law

**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	R21	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	R02	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



**3.5 Flight Operations**

<b>Number</b>	<b>Version</b>	<b>Subject</b>
AC/OPS/002	R11	Operations Manual Requirements
AC/OPS/003	R00	Flight Safety Documents System
AC/OPS/004	R08	Application Procedures for the Issuance of an Air Operator Certificate (AOC)
AC/OPS/005	R06	Transport of Dangerous Goods by Air
AC/OPS/013	R00	Avoidance of Fatigue in Aircrew
AC/OPS/014	R02	Documents to be Carried by Aircraft Registered in Macao
AC/OPS/015	R01	Aircraft Leasing
AC/OPS/016	R03	Qualifications and Training Requirements for Cabin Crew
AC/OPS/018	R00	Operational Approval of Extended Range Operations (ETOPS)
AC/OPS/019	R00	Air Operator Quality System Requirements
AC/OPS/020	R01	Operation in Reduced Vertical Separation Minimum (RVSM) Airspace
AC/OPS/021	R01	Airborne Collision Avoidance System (ACAS) Operational Procedures and Training Requirements
AC/OPS/022	R03	Operation in Performance-based Navigation (PBN) Prescribed Airspace
AC/OPS/023	R01	Operations in Automatic Dependent Surveillance-broadcast (ADS-B) Prescribed Airspace
AC/OPS/024	R01	Minimum Equipment List (MEL) Requirements
AC/OPS/025	R05	Training and Testing Requirements for Flight Crew Member and Flight Operations Officer
AC/OPS/026	R01	Organization and Post-holders Requirements
AC/OPS/027	R02	Operational Control Requirements
AC/OPS/029	R01	Electronic Flight Bag
AC/OPS/030	R01	Aircraft Loading Requirements
AC/OPS/031	R01	Low Visibility Operations
AC/OPS/032	R00	Use of Portable Electronic Devices
AC/OPS/034	R00	Flight Data Analysis Programme
AC/OPS/035	R00	Global Reporting Format of Runway Surface Conditions
AC/OPS/036	R00	Dangerous Goods Handling Permit
AC/OPS/037	R00	Use of Representative Training Devices

### 3.6 Personnel Licensing

Number	Version	Subject
AC/PEL/002	R01	Language Proficiency Requirements
		Attachment – ICAO Language Proficiency Rating Scale
AC/PEL/003	R01	New Format of the Medical Certificate
AC/PEL/004	R02	Update of Medical Provisions
AC/PEL/006	R01	Approved Training Organization
AC/PEL/011	R00	Recurrent Competence Requirements of Air Traffic Controller Licence
AC/PEL/012	R00	Approved Training Organization for Air Traffic Controller
AC/PEL/013	R02	MAR-66 Licensing of Aircraft Maintenance Engineer
AC/PEL/014	R01	MAR-147 Approved Maintenance Training/Examinations

### 3.7 Communication, Navigation and Surveillance

Number	Version	Subject
AC/CNS/001	R00	Aeronautical Telecommunication and Radio Navigation Service

### 3.8 Aeronautical Information Services

Number	Version	Subject
AC/AIS/001	R00	Manual of Standards -Aeronautical Information Services

### 3.9 Aviation Security

Number	Version	Subject
AC/SEC/004	R03	Macao SAR Air Transport Facilitation Programme
AC/SEC/005	R00	Requirements on Operators' Security Programme
AC/SEC/006	R00	Integration of Civil Aviation Security Measures in the Design and Construction of Aerodrome Facilities
AC/SEC/007	R00	Requirements on Protection and Management of Civil Aviation Security Information
AC/SEC/008	R00	Approval Requirements of Aerodrome Security Services Providers
AC/SEC/009	R00	Requirements on Aerodrome Access Control
AC/SEC/010	R00	Background Check within the scope of Civil Aviation Security
AC/SEC/011	R00	Security Control on Persons, Baggage, Vehicles, Supplies, Cargo and Mail
AC/SEC/012	R00	Civil Aviation Security Measures for Air Operators
AC/SEC/013	R00	Civil Aviation Security Measures for Air Traffic Services Providers

## GEN 1.7 DIFFERENCES FROM ICAO STANDARDS, RECOMMENDED PRACTICES AND PROCEDURES

### 1. Annex 1 - Personnel Licensing (13<sup>th</sup> Edition, Amendment 176)

2.1.1.1	<p>Following Pilot Licenses are not issued in Macao:</p> <p>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</p>
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)	<p>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:</p> <p>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</p> <p>Provided that:</p> <p>i) he/she shall not, unless his/her license includes an instrument rating, fly such an aircraft on any scheduled journey;</p> <p>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</p> <p>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;</p>
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 (10<sup>th</sup> Edition, Amendment 45)**

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

**DOC4444 - Procedures for Air Navigation Services – Air Traffic Management (16<sup>th</sup> Edition, Amendment 11)**

NIL.

**3. Annex 3 - Meteorological Service for International Air Navigation (20<sup>th</sup> Edition, Amendment 81)**

NIL.

**4. Annex 4 - Aeronautical Charts (11<sup>th</sup> Edition, Amendment 62)**

NIL.

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

NIL.

**6. Annex 6 - Operation of Aircraft**

**6.1 Part I - International Commercial Air Transport - Aeroplanes) (12<sup>th</sup> 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.

## ENR 1.10 FLIGHT PLANNING

### 1 Procedures for the submission of flight plan

- 1.1 All flight plan and related ATS messages for traffic inbound Macau International Airport shall be addressed to VMMCZTZ, ZBBBZFPM, ZSSSZFPM, ZGZUZQZX, ZGJDZAZX and VHHKZQZX additionally to the ICAO standard addressing (as per Doc 4444). Operators are strongly recommended to adhere strictly to this procedure in order to avoid inflight delays due to lack of Flight Plan on the above mentioned ATC Units.

### 2 Time of submission

- 2.1 Airline operator can file a FPL up to 5 days (120 hours) prior to the EOBT.
- 2.2 Except where necessary for operational or technical reasons, any aircraft departing from Macau should submit a flight plan at least 3 hours (and in no case later than 60 minutes) prior to the estimated off-block time (EOBT) except aircraft operating from Macau local flights which are permitted to give flight notification.
- 2.3 In the event of a delay of 30 minutes in excess of the EOBT for a flight for which a flight plan has been submitted, the flight plan should be amended or a new flight plan submitted and the old flight plan cancelled, whichever is applicable.

### 3 Place of submission

- 3.1 Operators shall submit to Macau International Airport ARO a Flight Plan according to ICAO SARPS (Annex 2) in one of the following ways: directly by the operator, or its representative, at the Flight Information Unit, or via AFTN/AMHS to VMMCZPZX. Subject to coordination with Macau International Airport ARO, submission of flight plan and related ATS messages may be sent by email or fax in case the above ways of submission are not available.
- 3.2 Operators shall keep available, at any time, individual Supplementary Flight Plan data (SPL) to be provided, on request, to Macau International Airport ATS.

### 4 Contents and Form of flight plan

- 4.1 As per ICAO Doc 4444 (PANS - ATM)
- 4.2 All operators are required to strictly comply with the route syntax specified as below:
- 4.2.1 Departing from Macau International Airport transiting Guangzhou FIR:

	Initial Flight Planned route to be filled in item 15 of the standard ICAO Flight Plan	Connecting Route
(1)	MIPAG	W21
(2)	BIGRO	R200/G221
(3)	NLG <sup>1</sup>	--
(4)	IDUMA	W41

- 1 For flights landing Shenzhen Bao'an International Airport

4.2.2 Departing from Macau International Airport transiting Hong Kong FIR:

Operators are to refer to Hong Kong AIP ENR 1.10 Flight Planning, Section 7.2 for the initial Flight Planned route.

**5 Repetitive flight plan system**

5.1 Not available to and from Macau International Airport.

NOTE: For all off shore oil support helicopters, the procedures will be according to existing letters of agreement (L.O.A.).

## AD 3. HELIPORTS

### AD 3.1 HELIPORT LOCATION INDICATOR AND NAME

VMMH - MACAU Heliport (Macau Maritime Terminal)

### AD 3.2 HELIPORT GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Heliport reference point coordinates and site at heliport	22°11.80'N 113°33.55'E midpoint of the North helipad
2	Direction and distance from city	Eastern edge of Macau.
3	Elevation/Reference temperature	84 ft AMSL / 31.5° C
4	MAG VAR/Annual change	3°W (2016) / -
5	Heliport Administration, address, telephone, telefax, telex, AFS	Heliport Manager Macau Maritime Terminal Av. de Amizade, MACAU Tel : (853) 8893 5803 Telefax : (853) 8893 5801
6	Types of traffic permitted (IFR / VFR)	VFR / SVFR
7	Remarks	Heliport located on the top of the Macau Ferry Terminal.

### AD 3.12 HELIPORT DATA

1	heliport type	Elevated
2	TLOF dimensions	Northern Helipad – 29.5m x 29.5m Southern Helipad – 29.5m x 29.5m
3	FATO, GEO and MAG bearings	028° / 208° GEO 031° / 211° MAG
4	FATO dimensions and SFC type	Northern Helipad – 29.5m x 29.5m Synthetic Southern Helipad – 29.5m x 29.5m 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	Extended outwards from the periphery of the FATO for a distance of 3m.  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		