ZPMS AD 2.1 机场地名代码和名称 Aerodrome location indicator and name

ZPMS-德宏 / 芒市 DEHONG/Mangshi

ZPMS AD 2.2 机场地理位置和管理资料 Aerodrome geographical and administrative data

1	机场基准点坐标及其在机场的位置 ARP coordinates and site at AD	N24° 24.0' E098° 32.0' (1100m FM THR RWY23)
2	方向、距离 Direction and distance from city	225° GEO, 6.6km from Mangshi Square
3	标高 / 参考气温 Elevation/Reference temperature	877.0m/30 ℃ (APR)
4	机场标高位置 / 高程异常 AD ELEV PSN/ geoid undulation	THR23
5	磁差 / 年变率 MAG VAR/Annual change	0° 30′ W/-
6	机场管理部门、地址、电话、传真、AFS、电子邮箱、网址 AD administration, address, telephone, telefax, AFS, E-mail, website	Yunnan Airport CO. LTD Dehong Mangshi Airport Yunnan Dehong Mangshi Airport, 678400 TEL: 86-692-2934655 AFS:ZPMSYDYX
7	允许飞行种类 Types of traffic permitted(IFR/VFR)	IFR/VFR
8	机场性质 / 飞行区指标 Military or civil airport & Reference code	Civil/4C
9	备注 Remarks	Nil

ZPMS AD 2.3 工作时间 Operational hours

1	机场当局 (机场开放时间) AD Administration (AD operational hours)	HS or O/R
2	海关和移民 Customs and immigration	HS or O/R
3	卫生健康部门 Health and sanitation	HS or O/R
4	航行情报服务讲解室 AIS Briefing Office	HS or O/R
5	空中交通服务报告室 ATS Reporting Office (ARO)	HS or O/R
6	气象讲解室 MET Briefing Office	HS or O/R
7	空中交通服务 ATS	HS or O/R
8	加油 Fuelling	HS or O/R
9	地勤服务 Handling	HS or O/R

10	保安 Security	HS or O/R
11	除冰 De-icing	Nil
12	备注 Remarks	Nil

ZPMS AD 2.4 地勤服务和设施 Handling services and facilities

1	货物装卸设施 Cargo-handling facilities	Luggage towing vehicle, Baggage transporter, baggage trailer
2	燃油 / 滑油牌号 Fuel/oil types	Nr.3 jet fuel --
3	加油设施 / 能力 Fuelling facilities/capacity	Tank refueling truck(35000L,20000L, 10000L): 3-16liters/sec
4	除冰设施 De-icing facilities	Nil
5	过站航空器机库 Hangar space for visiting aircraft	Nil
6	过站航空器的维修设施 Repair facilities for visiting aircraft	Line maintenance
7	备注 Remarks	Potable water supply vehicle, lavatory truck, passenger stairs, ferry

ZPMS AD 2.5 旅客设施 Passenger facilities

1	宾馆 Hotels	In the city
2	餐馆 Restaurants	At and adjacent to AD, in the city
3	交通工具 Transportation	Passenger's coaches, taxis
4	医疗设施 Medical facilities	First-aid center at AD, hospital in the city
5	银行和邮局 Bank and Post Office	At and adjacent to AD
6	旅行社 Tourist Office	In the city
7	备注 Remarks	Nil

ZPMS AD 2.6 援救与消防服务 Rescue and fire fighting services

1	机场消防等级 AD category for fire fighting	CAT 6
2	援救设备 Rescue equipment	Fire fighting facilities: primary fire-fighting engine, heavy-load foam tender, medium-load foam tender, heavy-duty water tank truck, medium-duty water tank truck, illumination truck, generator car Rescue equipments: rescue cushion, toothless cutter, hydraulic expander, combustible gas detector, ambulance
3	搬移受损航空器的能力 Capability for removal of disabled aircraft	MTWA up to B737-800/A321 Mobile surface operation devices, emergency mobile platform, steelplate, crosstie, wire cable, rack(Boeing, Y-12, CRJ)
4	备注 Remarks	Nil

ZPMS AD 2.7 可用季节 - 扫雪 Seasonal availability-clearing

1	扫雪设备类型 Types of clearing equipment	Nil
2	扫雪顺序 Clearance priorities	Nil
3	备注 Remarks	Nil

ZPMS AD 2.8 停机坪、滑行道及校正位置数据 Aprons, taxiways and check locations data

1	停机坪道面和强度 Apron surface and strength	Surface:	Cement concrete
		Strength:	PCN 62/R/B/W/T(Stands Nr.110-115, 201-210) PCN 51/R/B/W/T(Stands Nr.101-109)
2	滑行道宽度、道面和强度 Taxiway width, surface and strength	Width:	18m: E 23m: A, B, D 27m: F 30.5m: C, G 38m: H 43m: M, N
		Surface:	Asphalt: E Cement concrete: A, B, C, D, F, G, H, M, N
		Strength:	PCN 62/R/B/W/T: A, B, C, F, G, H, M, N PCN 61/F/B/W/T: E PCN 51/R/B/W/T: D
3	高度表校正点的位置及其标高 ACL location and elevation	Nil	
4	VOR/INS 校正点 VOR/INS checkpoints	Nil	
5	备注 Remarks	Width of TWYs shoulder on the both sides is 1.5m.	

ZPMS AD 2.9 地面活动引导和管制系统与标识
Surface movement guidance and control system and markings

1	航空器机位号码标记牌、滑行道引导线、航空器目视停靠 / 停放位置引导系统的使用 Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Guide lines at all TWYs and aprons; Marshaller guidance available.	
2	跑道和滑行道标志及灯光 RWY and TWY marking and LGT	RWY markings	THR, RWY designation, center line, edge line, TDZ, aiming point
		RWY lights	THR, wing bar, center line, edge line, RWY end
		TWY markings	RWY holding position, center line, edge line, TWY shoulder, RWY turn pad marking
		TWY lights	Edge line, center line, intermediate holding position, RWY guard light, stop bars
3	停止排灯 Stop bars	At RWY holding positions of TWYs C, D, E, G, H At rapid exit TWY F(with No-entry markings)	
4	备注 Remarks	Nil	

ZPMS AD 2.10 机场障碍物 Aerodrome obstacles

Obstacles within a circle with a radius of 15km on ARP					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	*Terminal	001	324.6	895.2	
2	MT	001	8874	1112	Circling for CAT C
3	TWR	002	518	910	RWY23 ILS/DME approach
4	MT	003	13000	1662	
5	MT	007	13900	1783	
6	MT	010	14800	1878	'LUM'VOR/DME holding procedure
7	MT	014	14900	1825	
8	MT	022	14700	1591	
9	MT	027	14100	1381	
10	Trees	038	2341	895	RWY05 Take-off path
11	*BLDG	042	6769	1000	
12	Antenna	045	1160	877.6	RWY05 Take-off path
13	Trees	045	2410	897.6	RWY05 Take-off path
14	*BLDG	047	4212	939	
15	*BLDG	048	6015	973.5	RWY23 GP INOP final approach
16	Trees	050	2440	902.1	RWY05 Take-off path
17	*Antenna	051	8340	1093.4	RWY23 VOR/DME final approach
18	*TWR	053	8270	1093	
19	*BLDG	054	6249	997.2	
20	MT	054	11968	1108	
21	Trees	055	1195	890.9	RWY05 Take-off path
22	Trees	059	2488	907.1	RWY05 Take-off path
23	MT	059	12810	1305	RWY23 VOR/DME final approach
24	MT	061	12936	1480	
25	MT	063	12950	1529	
26	MT	066	11850	1546	
27	TWR	067	7052	1144.4	
28	TWR	072	6703	1144.0	
29	MT	075	14200	1743	
30	MT	079	13250	1832	
31	MT	088	14400	1986	
32	MT	097	9400	1696	
33	MT	107	10150	1577	

Obstacles within a circle with a radius of 15km on ARP					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
34	MT	153	12650	1888.3	
35	MT	174	12900	1730.8	
36	MT	182	9950	1583	
37	MT	202	14600	1654.3	
38	MT	205	11850	1716	
39	MT	226	10642	1064	
40	MT	227	12310	1280	RWY23 RNP departure
41	MT	229	13279	1434	
42	MT	236	10991	1223.2	
43	MT	241	11935	1227	RWY23 departure
44	Water TWR	307	590	902	
45	*TWR	338	313	904	
46	MT	339	5421	940	
47	MT	355	12200	1687	
Remarks:Nil					

Obstacles between two circles with the radius of 15km and 50km on ARP					
序号 Serial Nr.	障碍物类型 (* 代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
1	MT	002	17018	2379	
2	MT	012	37000	2201	
3	MT	036	41180	2410	RWY23 VOR/DME initial approach
4	MT	037	36670	2035	
5	MT	043	26110	1913	
6	MT	049	31036	2326	RWY23 intermediate approach
7	MT	049	39588	2286	RWY05 RNP departure
8	MT	050	16100	1469	
9	MT	050	50000	2502	
10	MT	054	16924	1689	RWY23 GP INOP
11	MT	054	16993	1686	RWY23 RNP departure
12	MT	056	17461	1831	RWY23 VOR/DME final approach
13	MT	057	37732	2289	RWY05 RNP departure
14	MT	058	45915	2780	RWY23 arrival holding procedure
15	MT	058	26777	2095	
16	MT	058	49200	2688	RWY23 RNP arrival

Obstacles between two circles with the radius of 15km and 50km on ARP					
序号 Serial Nr.	障碍物类型 (*代表有灯光) Obstacle type (*Lighted)	磁方位 BRG (MAG)(degree)	距离 DIST(m)	海拔高度 Elevation(m)	影响的飞行程序及起飞航径区 Flight procedure/take-off flight path area affected
17	MT	059	15806	1601	
18	MT	070	48711	2658	RWY23 RNP arrival
19	MT	072	40000	3001	
20	MT	076	29556	2413	
21	MT	084	15900	2229	RWY23 departure
22	MT	102	19255	2437	
23	MT	132	23000	2889	
24	MT	150	45000	2547	
25	MT	213	33000	2290	
26	MT	222	50000	2161	
27	MT	223	22194	1698	
28	MT	248	40000	1741	
29	MT	278	24600	1815	RWY23 departure
30	MT	281	23300	1902	
31	MT	284	33842	2095	
32	MT	295	21000	2058	
33	MT	296	38560	2095	
34	MT	332	40000	2455	
Remarks: Nil					

ZPMS AD 2.11 提供的气象信息、机场观测与报告

Meteorological information provided & aerodrome observations and reports

1	相关气象室的名称 Associated MET Office	Yunnan Airport CO. LTD Dehong Mangshi Airport MET Office
2	气象服务时间、服务时间以外的责任气象室 Hours of service, MET Office outside hours	HO
3	负责编发 TAF 的办公室；有效期 Office responsible for TAF preparation,Periods of validity	Yunnan Airport CO. LTD Dehong Mangshi Airport MET Office 9 HR, 24HR
4	着陆预报类型、发布间隔 Type of landing forecast, Interval of issuance	Trend 1 HR
5	所提供的讲解 / 咨询服务 Briefing/consultation provided	P, T
6	飞行文件及其使用语言 Flight documentation, Languages used	Chart, International MET Codes, Abbreviated Plain Language Text Ch, En
7	讲解 / 咨询服务时可利用的图表和其它信息 Charts and other information available for briefing or consultation	Synoptic charts, significant weather charts, upper W/T charts, satellite and radar material, AWOS real-time data
8	提供信息的辅助设备 Supplementary equipment available for providing information	FAX, MET Service Terminal
9	接收气象信息的空中交通服务单位 ATS units provided with information	TWR

10	观测类型与频率 / 自动观测设备 Type & frequency of observation/ Automatic observation equipment	Hourly observation/ Yes
11	气象报告类型及所包含的补充资料 Type of MET Report & supplementary information included	METAR, SPECI, TEND
12	观测系统及位置 Observation System & Site(s)	RVR EQPT: A: 110m E of RCL, 335m inward THR23; B: 110m E of RCL, 1300m inward THR23; C: 110m E of RCL, 330m inward THR05. SFC wind sensors: RWY05: 110m E of RCL, 320m inward THR05; RWY23: 120m E of RCL,324m inward THR23; RWY23: 110m E of RCL, 325m inward THR23; RWY center: 110m E of RCL,1310m inward THR23. Ceilometer: A: on the entension of RCL, 1050m outward THR23; B: on the entension of RCL, 750m outward THR05.
13	气象观测系统的工作时间 Hours of operation for meteorological observation system	HO
14	气候资料 Climatological information	Climatological tables AVBL
15	其他信息 Additional information	TEL：86-692-2934632

ZPMS AD 2.12 跑道物理特征 Runway physical characteristics

跑道号码 Designations RWY NR	真方位和磁方位 TRUE & MAG BRG	跑道长宽 Dimensions of RWY (m)	跑道强度 (PCN), 跑道道面 / 停止道道面 RWY strength (PCN), RWY surface/SWY surface	着陆入口坐标及高程异常 THR coordinates and geoid undulation	跑道着陆入口标高，精密进近跑道接地地带最高标高 THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
05	045° GEO 045° MAG	2600 × 45	See Remarks	Nil	THR 872.8m
23	225° GEO 225° MAG	2600 × 45	See Remarks	Nil	THR 877.0m TDZ 876.9m
跑道 - 停止道坡度 Slope of RWY-SWY	停止道长宽 SWY dimensions (m)	净空道长宽 CWY dimensions (m)	升降带长宽 Strip dimensions (m)	无障碍物地带 OFZ	跑道端安全区长宽 RWY end safety area dimensions (m)
7	8	9	10	11	12
See AOC	Nil	Nil	2720 × 150	Nil	240 × 150
See AOC	Nil	Nil	2720 × 150	Nil	240 × 150
Remarks: THR05 → THR23:0-400m Cement concrete, PCN62/R/B/W/T; 400-2600m Asphalt, PCN 61/F/B/W/T.					

ZPMS AD 2.13 公布距离 Declared distances

跑道代号 RWY Designator	可用起飞滑跑距离 TORA (m)	可用起飞距离 TODA (m)	可用加速停止距离 ASDA (m)	可用着陆距离 LDA (m)	备注 Remarks
1	2	3	4	5	6
05	2600	2600	2600	2600	Nil
23	2600	2600	2600	2600	Nil
Remarks: Nil					

ZPMS AD 2.14 进近和跑道灯光 Approach and runway lighting

跑道代号 RWY Designator	进近灯类型、长度、强度 APCH LGT type LEN INTST	入口灯颜色、翼排灯 THR LGT colour WBAR	目视进近坡度指示系统 (跑道入口最低眼高), 精密进近航道指示器 VASIS (MEHT) PAPI	接地地带灯长度 TDZ LGT LEN	跑道中心线灯长度、间隔、颜色、强度 RWY Center line LGT LEN, spacing, colour, INTST	跑道边灯长度、间隔、颜色、强度 RWY edge LGT LEN, spacing, colour, INTST	跑道末端灯颜色 RWY end LGT colour	停止道灯长度、颜色 SWY LGT LEN, colour
1	2	3	4	5	6	7	8	9
05	SALS 420m VRB/ LIH	Green Yes	PAPI Left/3.5°	Nil	2600m** Spacing 30m	2600m*** Spacing 60m	Red	Nil
23	PALS CAT I 900m* VRB/ LIH	Green Yes	PAPI Left/3.5°	Nil	2600m** Spacing 30m	2600m*** Spacing 60m	Red	Nil
Remarks: *SFL ** Up to 1690m White VRB LIH, 1690-2290m White/Red VRB LIH, 2290-2600m Red VRB LIH *** Up to 1960m White VRB LIH, 1960-2600m Yellow VRB LIH								

ZPMS AD 2.15 其它灯光 , 备份电源 Other lighting, secondary power supply

1	机场灯标 / 识别灯标位置、特性和工作时间 ABN/IBN location, characteristics and hours of operation	Nil
2	着陆方向指示器位置和灯光 ; 风速表位置和灯光 LDI location and LGT, Anemometer location and LGT	WDI: RWY05: 99m W of RCL, 315m N of THR; RWY23: 99m E of RCL, 300m S of THR;
3	滑行道边灯和中心线灯光 TWY edge and center line lighting	All TWYs: blue edge line light

4	备份电源 / 转换时间 Secondary power supply/switch-over time	Secondary power supply available, diesel engine driven generator /15 sec
5	备注 Remarks	Nil

ZPMS AD 2.16 直升机着陆区域 Helicopter landing area

1	TLOF 坐标或 FATO 入口坐标及高程异常 Coordinates TLOF or THR of FATO Geoid undulation	Nil
2	TLOF 和 / 或 FATO 标高 (m) TLOF and/or FATO elevation (m)	Nil
3	TLOF 和 FATO 区域范围、道面、强度和标志 TLOF and FATO area dimensions,surface, strength, marking	Nil
4	FATO 的真方位和磁方位 True and MAG BRG of FATO	Nil
5	公布距离 Declared distance available	Nil
6	进近灯光和 FATO 灯光 APP and FATO lighting	Nil
7	备注 Remarks	Nil

ZPMS AD 2.17 空中交通服务空域 ATS airspace

名称 Designation	横向界限 Lateral limits	垂直界限 Vertical limits	备注 Remarks
Airport area	A circle with a radius of 50km centered on ARP(exclude the area outside the border line)	GND-5400m	Nil
Altimeter setting region and TL/TA	A circle with a radius of 55km centered on Mangshi VOR/DME(LUM)	TL 4800m TA 4200m 4500m(QNH ⩾ 1031hPa) 3900m(QNH ⩽ 979hPa)	Nil

ZPMS AD 2.18 空中交通服务通信设施 ATS communication facilities

服务名称 Service Designation	呼号 Call sign	频率 Frequency (MHz)	工作时间 Hours of operation	备注 Remarks
1	2	3	4	5
TWR	Mangshi Tower	118.2(130.0)	HO	Nil
EMG		121.5	HO	Nil
OP-CTL	Mangshi Operation	121.6	HS	Nil

ZPMS AD 2.19 无线电导航和着陆设施 Radio navigation and landing aids

设施名称和类型 Name and type of aid	识别 ID	频率 Frequency	发射天线位置、坐标 Antenna site coordinates	DME 发射天线标高 Elevation of DME transmitting antenna	备注 Remarks
1	2	3	4	5	6
Mangshi VOR/DME	LUM	114.1MHz CH 88X	N24° 24.5′ E098° 32.2′	886m	R090° -R245° clockwise U/S(exclude the radial lines involved in flight procedures)
LOC 23 ILS CAT I	IMS	109.7MHz	225° MAG/ 280m FM RWY23 end		Beyond 12° leftside and 20° rightside of front course U/S, beyond +5° leftside of 21-25NM U/S
GP 23		333.2MHz	105m E of RCL, 283.5m inward THR23		Angle 3.5° RDH 17m below angel 2.1° U/S
DME 23	IMS	CH 34X (109.7MHz)		881m	Co-located with GP23
MM 23		75MHz	045° MAG/ 1050m FM THR 23		Coverage 240m
Remarks: Nil					

ZPMS AD 2.20 本场飞行规定

1. 机场使用规定

1.1 本场管制区域的所有飞行需事先申请，并得到空中交通管制部门批准后方可进行。

2. 跑道和滑行道的使用

2.1 可以通过芒市现场申请电源车、气源车服务和其他服务。

2.2未经ATC许可，禁止航空器在跑道和滑行道上做180° 转弯。

2.3 离场飞行的航空器，在推出开车前必须联系机场放行管制申请放行许可。空中交通管制放行许可的申请不早于发动机开车前10min进行。

ZPMS AD 2.20 Local traffic regulations

1. Airport operations regulations

1.1 Each and every flight shall be filed in advance and conducted only after clearance has been obtained from ATC.

2. Use of runways and taxiways

2.1 Ground power unit, ground air supply unit and other services are available via Mangshi Operation.

2.2 180° turnaround on RWY and TWY is strictly forbidden without ATC clearance.

2.3 Departing aircraft shall contact Aerodrome Delivery Control for departure clearance not earlier than 10 minutes prior to push-out for engine start-up.

3. 机坪和机位的使用

3.1 停机位限翼展 36m（含）以下航空器使用。停机位101-109、201-210运行方式为自滑进、顶推出，停机位110-115为自行滑进滑出。进港航空器脱离跑道后，须由引导车引导进入各机位。

3.2 发动机试车须经塔台许可并在指定的地点进行。

3. Use of aprons and parking stands

3.1 Stands are only available for aircraft with wing span less than 36m(include). Stands Nr.101-109、201-210 should taxi in and be pushed back, stands Nr.110-115 should taxi in and out by itself. Aircraft shall be guided by follow-me vehicle after vacating RWY.

3.2 Engine run-ups are subject to TWR clearance, and shall be carried out at a designated location.

4. 进、离场管制规定

无

4. Air traffic control regulations

Nil

5. 机场的 II/III 类运行

无

5. CAT II/III operations at AD

Nil

6. 除冰规则

无

6. Rules for deicing

Nil

7. 平行跑道同时仪表运行

无

7. Simultaneous operations on parallel runways

Nil

8. 警告

8.1 在本场绕飞雷雨时，必须保持高度 3600m 以上，禁止航空器在南面绕飞雷雨。

8.2 禁止在本场跑道东南侧做起落航线。

8. Warning

8.1 Circumnavigation CB to south of the aerodrome is forbidden. Aircraft shall keep 3600m and above when circumnavigate CB.

8.2 Traffic circuits shall not be made to the southeast of RWY.

9. 直升机飞行限制，直升机停靠区

无

9. Helicopter operation restrictions and helicopter parking/docking area

Nil

ZPMS AD 2.21 噪音限制规定及减噪程序

无

ZPMS AD 2.21 Noise restrictions and Noise abatement procedures

Nil

ZPMS AD 2.22 飞行程序

1. 总则

1.1 除经芒市塔台特殊许可外，在芒市管制区内的飞行，必须按照仪表飞行规则进行。

2. 起落航线

2.1 起落航线只准在跑道西北侧进行，起落航线高度：A/B类航空器1300-1400m， C/D类航空器1600m。

2.2在做起落航线时，注意航线宽度，不得进入山区。

3. 仪表飞行程序

3.1 严格按照航图中公布的进、离场程序和进近程序飞行。如果需要，航空器可在空中交通管制部门指定的航路、导航台或定位点上空等待或做机动飞行。

3.2等待程序见标准仪表进场、进近图。

4. 雷达程序和 / 或 ADS-B 程序

无

5. 无线电通信失效程序

无

ZPMS AD 2.22 Flight procedures

1. General

1.1 Flights within Mangshi Control Area shall operate under IFR unless special clearance has been obtained from TWR Control.

2. Traffic circuits

2.1 Traffic circuits shall only be made to the northwest of RWY, at the altitude of 1300m-1400m for aircraft CAT A/B, and 1600m for aircraft CAT C/D.

2.2 Pay attention to the route width, do not enter the mountain area when making traffic circuits.

3. IFR flight procedures

3.1 Strict adherence is required to the relevant arrival/ departure and approach procedures published in the aeronautical charts. Aircraft may, if necessary, hold or maneuver on an airway, over a navigation facility or a fix designated by ATC.

3.2 Holding procedures refer to STAR and IAC.

4. Radar procedures and/or ADS-B procedures

Nil

5. Radio communication failure procedures

Nil

6. 目视飞行程序

6.1 目视飞行进入本机场的航空器，按照目视飞行的规定，下降至航线目视飞行的最低安全高度以上，加入本场起落航线，目视离场起飞后在本场上升高度至3600m以上加入航线。

6. Procedures for VFR flights

6.1 In visual approach, aircraft shall follow visual flight rules, descend to altitude above the visual MSA and join the traffic circuits. In visual departure, aircraft shall climb to 3600m and above to join the route.

7. 目视飞行航线

无

7. VFR route

Nil

8. 目视参考点

无

8. Visual reference point

Nil

9. 其它规定

无

9. Other regulations

Nil

10. 区域导航飞行程序相关数据

10. Data for RNAV flight procedures

Waypoint Coordinates

Waypoint ID	COORDINATES	Waypoint ID	COORDINATES
CI 23	N243800 E0984704	MS408	N243039 E0981844
MS209	N243912 E0985749	MS409	N243134 E0983000
MS301	N242649 E0983454	MS410	N243222 E0984010
MS302	N243824 E0984558	MS411	N242617 E0985302
MS303	N243338 E0985235	MS901	N244207 E0984931
MS401	N242203 E0982943	MS902	N242656 E0990153
MS404	N242515 E0984038	LUM	N2424.5 E09832.2
MS405	N242250 E0981859	TOSEM	N2428.0 E09915.9
MS407	N242638 E0981447		

RWY05 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
TOSEM-81D								
CF	MS301	Y	045		↑ 1200			RNP1
TF	MS302				↑ 2770	MAX380		RNP1
TF	MS303				↑ 3500			RNP1
TF	MS902				↑ 4500			RNP1
TF	TOSEM							RNP1

RWY23 SID Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
TOSEM-91D								
CF	MS401	Y	225		↑ 1080	MAX350		RNP1
TF	MS405				↑ 2000	MAX350		RNP1
TF	MS407				↑ 2500	MAX380		RNP1
TF	MS408				↑ 3000			RNP1
TF	MS409				↑ 3600			RNP1
TF	MS410							RNP1
TF	MS411							RNP1
TF	MS902				↑ 4500			RNP1
TF	TOSEM							RNP1
TOSEM-92D								
CF	MS401	Y	225		↑ 1080	MAX350		RNP1
DF	LUM			R	↑ 1900	MAX350		RNP1
TF	MS404				↑ 2600			RNP1
TF	MS411				↑ 3300			RNP1
TF	MS902				↑ 4500			RNP1
TF	TOSEM							RNP1
TOSEM-93D								
CF	MS401	Y	225		↑ 1080	MAX350		RNP1
DF	LUM			R	↑ 1900	MAX350		RNP1
TF	MS410							RNP1
TF	MS411				↑ 3300			RNP1
TF	MS902				↑ 4500			RNP1
TF	TOSEM							RNP1

RWY23 STAR Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
TOSEM-91A								
IF	TOSEM							RNP1
TF	MS902							RNP1
TF	MS209				↑ 3500	MAX380		RNP1
TF	MS901				3000	MAX350		RNP1

RWY23 Transition Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
MS901								
IF	MS901				3000	MAX350		RNP1
TF	CI 23				2750			RNP1

RWY23 Missed approach Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
Missed Approach								
CF	MS401		225		↑ 1180	MAX350		RNP1
TF	MS405				↑ 1900	MAX350		RNP1
TF	MS407				↑ 2300	MAX380		RNP1
TF	MS408				↑ 2700			RNP1
TF	MS409				3300			RNP1
TF	MS410				3300			RNP1
TF	MS901				3300			RNP1

RWY23 Holding Navigation database coding table

Path Terminator	Waypoint ID	Fly over	Magnetic Course (°)	Turn Direction	Altitude (m)	IAS (km/h)	VPA/ TCH	Navigation Specification
Holding (outbound time:1minute)								
HM	MS901	Y	209	R	3000	MAX380		RNP1

ZPMS AD 2.23 其它资料

无

ZPMS AD 2.23 Other information

Nil