



Version 2.0 – 10.05.2008

**Operating Procedures**

**For the Provision of**

**Air Traffic Control Services**

**at**

**RAF Mount Pleasant – EGYPT**

**Falklands Islands**

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**RAF Monte Agradable – EGYPT**

**Islas Malvinas**

## **General**

All IFR traffic originating in either UK or surrounding airspace is to conform to ICAO standard cruising levels, incorporating the implementation of Reduced Vertical Separation Minimum (RVSM), and also to the direction of airways, as published in the respective AIP's.

IFR traffic is limited to airways, as published on the appropriate charts. Operational air traffic may fly outside of controlled airspace (CAS) within the policies and procedures of the Country as published in the respective AIP's AND subject to air traffic control requirements at that time.

When flying civilian air traffic routes, (civilian airways), aircraft may only be handed off between Comodoro Rivadavia FIR (SAVF\_CTR) and Mount Pleasant Approach with prior co-ordination and agreement following the procedures within this Letter of Agreement and as described below.

All aircraft inbound to and outbound from Mount Pleasant, whether operational air traffic or civilian air traffic, must file a flight plan compliant with UK routing and criteria.

The ATC language is English.

## **Provision of Air Traffic Control Services**

Air Traffic Control at Mount Pleasant is provided by controllers from VATSIM-UK and controllers from ARTCC Argentino.

Air Traffic Controllers provide ATC services adherent to the Policies and Procedures of VATSIM-UK and the Military Regional Training Scheme of VATSIM-UK and only as authorised by the Military Operations Director of VATSIM-UK.

Controllers must meet the level of rating required to provide Military Air Traffic Control services. Only Air Traffic Controllers validated and endorsed by the Military Operations Director, or a person named by him to issue such validations and endorsements, are permitted to provide ATC services at Mount Pleasant following training, validation and an endorsement test.

Controllers who are members of the ARTCC Argentino, and who hold the correct rating for the ATC position, are also encouraged to provide ATC services at Mount Pleasant.

Only Tower, Ground, Talkdown (SRA & PAR) and Approach control positions are available to controllers at Mount Pleasant. The Mount Pleasant Control Zone (CTR) extends from the surface to FL500, the lateral limits are shown on the sector file and the document attached as appendix A.

### **Minimum Separation Criteria**

In addition to the vertical separation, aircraft travelling in the same direction are also to be separated by a minimum distance of 5 nautical miles.

The transition altitude is 5000ft.

### **Inbound to Mount Pleasant**

#### **Routing**

All IFR traffic will be required to file, in their flight plan, one of the following arrival routes. An arrival point indicated below is required to be included in all flight plans and routes.

This is the point of handover from SAVF\_CTR to Mount Pleasant Approach or (depending on the airspace), the point at which Mount Pleasant Approach will accept control.

Handover of aircraft inbound to Mount Pleasant is to take place as soon as is practical, out of conflict but no later than the initial points indicated below at the Flight Levels indicated below. This is an accepted agreement between SAVF\_CTR and Mount Pleasant Approach controllers unless locally agreed ad hoc arrangements are needed due to the exigencies of ATC at that time.

Therefore all aircraft inbound to Mount Pleasant are to ensure that their flight plan is filed following a suitable routing as below :-

<b>ARRIVING FROM</b>	<b>ARRIVAL POINT</b>	<b>ROUTING</b>	<b>MAX FLIGHT LEVEL AT ARRIVAL POINT</b>
East	DIGIS	DIGIS -MTP	FL 250
South	OTAGI	OTAGI - MTP	FL 170
North	CTR Boundary	UW56 - MTP	FL 170 at CTR Boundary
North West	LOMIN	LOMIN - MTP	FL 210

There are two approach intersections used at Mount Pleasant – Point ALPHA and Point BRAVO. Dependant upon the runway in use, aircraft will be vectored to an approach for runways 05, 10, 23 or 28.

Aircraft inbound to Points ALPHA and BRAVO will be descended to be at or above 3500ft QFE at these points.

### **Missed Approach Procedures**

RWY 10 – Continue runway heading to 850ft QFE. Turn RIGHT on track 270deg, climbing to 3500ft QFE (or as directed, returning to hold at Point BRAVO).

RWY 28 – Climb on track 270 deg to 830ft QFE then turn left on track 110 deg to join the hold at Point ALPHA at 3500ft QFE or as directed.

RWY 05 – Ahead to VOR MTP, then turn right on to 090R to 3500ft QFE, then turn left to rejoin VOR MTP hold.

RWY 23 – Climb on Track 230deg to 850ft QFE, then left on Track 050deg to intercept TAC 099R; at 11d left on 13d arc at 3500ft QFE.

### **Outbound from Mount Pleasant**

#### **Routing**

All IFR traffic will be required to file, in their flight plan, one of the following departure routes. Aircraft are to fly these routes until instructed otherwise.

Handover of aircraft outbound from Mount Pleasant is to take place at the Mount Pleasant CTR boundary. This is the accepted agreement between unless locally agreed ad hoc arrangements are needed due to the exigencies of ATC at that time.

Therefore all aircraft outbound from Mount Pleasant are to ensure that their flight plan is filed following a suitable routing as below :-

<b>DEPARTING TO</b>	<b>DEPARTURE RUNWAY</b>	<b>ROUTING</b>
Rwy 05 SID	05	Climb on rwy track to 600ft QFE, then right on Track 100 continuing climb, SID ends passing 3200ft QFE.
Rwy 10 SID	10	Climb on rwy track to 5000ft QFE or MTP 7d, whichever earlier, then continue as flight planned.

Rwy 23 SID	23	Climb on rwy track to 800ft QFE, then climbing left and continue as flight planned. SID ends on passing 3200ft QFE.
Rwy 28 ALPHA	28	Climb on rwy track to 1000ft QFE or 5.7d from rwy end, whichever earlier, then left on Track 050deg continuing climb. SID ends passing 3200ft QFE.
Rwy 28 BRAVO	28	Climb on rwy track to 1000ft QFE or 5.7d from rwy end, whichever earlier, then left on Track 260deg continuing climb. At 20d continue as flight planned.

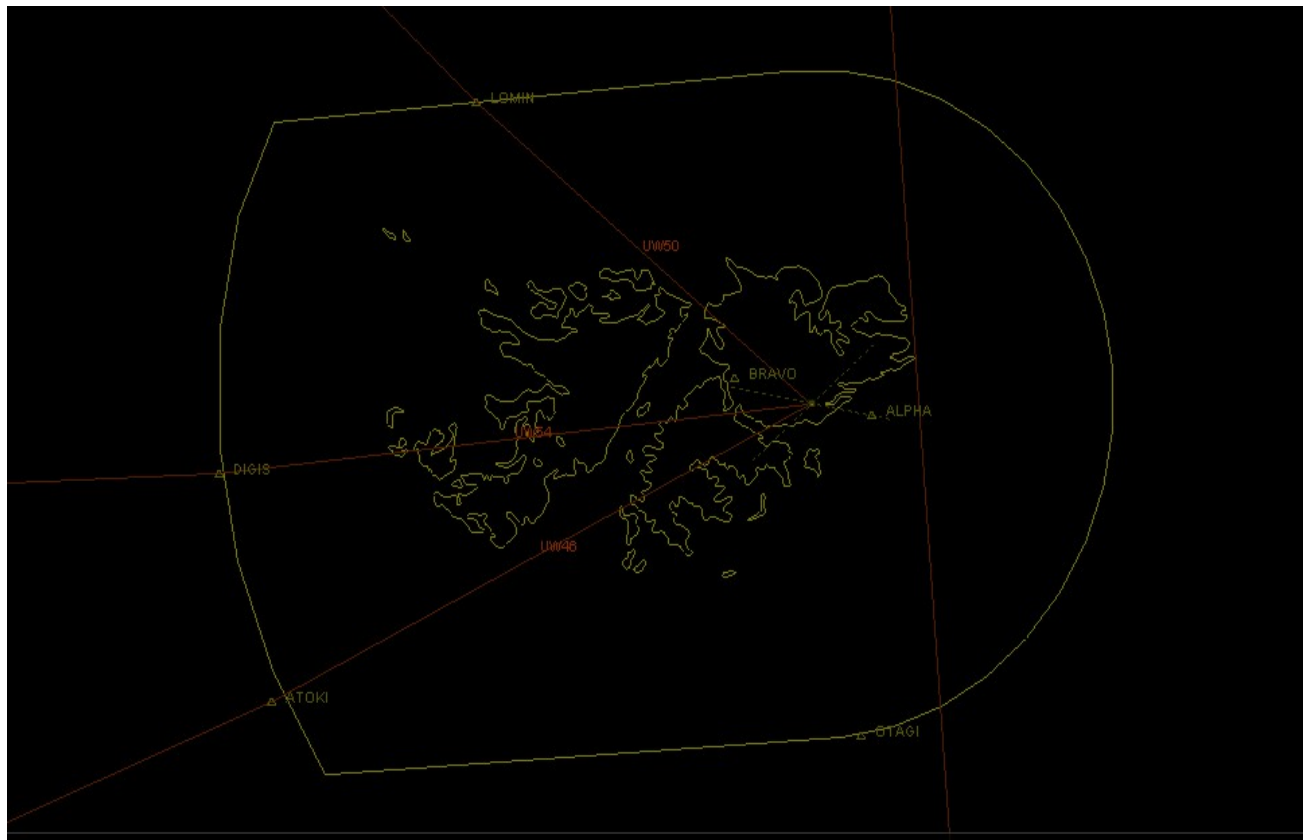
All aircraft are to fly the above departures accurately due to the terrain around Mount Pleasant and to ensure conflict does not occur between outbound / inbound aircraft.

## Process

Mount Pleasant Ground / Tower issues departure clearance to the aircraft and requests release from Mount Pleasant Approach. Pushback, engine start and taxi may be approved.

Mount Pleasant Approach notes any restrictions / climb out issued. Mount Pleasant Ground / Tower that the aircraft is released. Once airborne, the aircraft is handed off to Mount Pleasant Approach who will then issue any further instructions. The aircraft will be handed over to SAVF\_CTR at the Mount Pleasant CTR boundary.

## Screenshot of Mount Pleasant for Reference



## Information & Resources

### ARTCC Argentino

[www.artcc-argentino.com.ar](http://www.artcc-argentino.com.ar)

Sergio Cousens  
VATSUR1

### VATSIM-UK

[www.vatsim-uk.org](http://www.vatsim-uk.org)

Simon Irvine  
VATUK1  
Chris Norman  
VATUK10



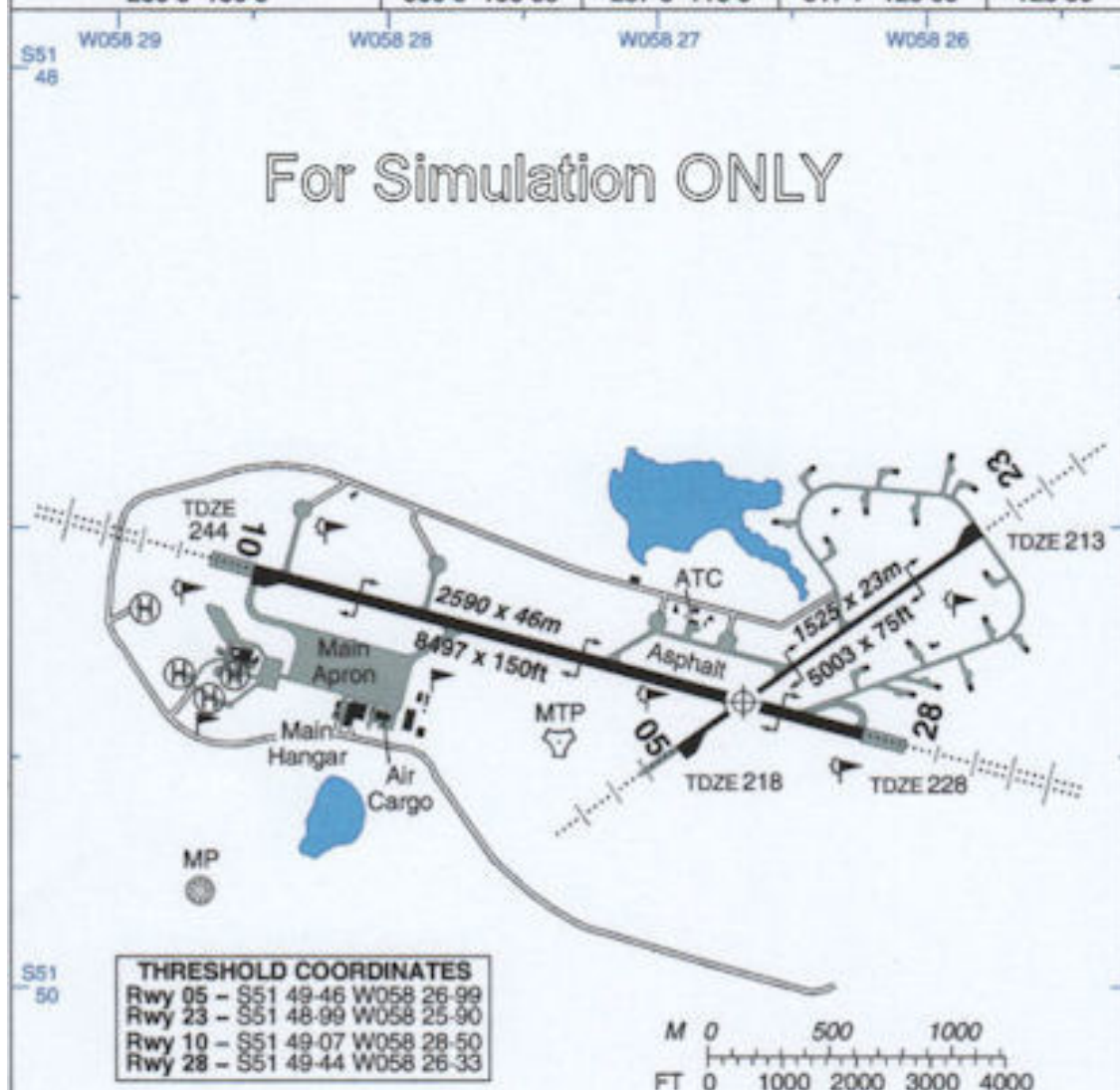
## Charts



# AERODROME

# MOUNT PLEASANT

Elev 244	Var 5°E	ARP	S51 49-37 W058 26-85 (WGS 84)		
MOUNT PLEASANT GROUND 280-5 130-3	TOWER 356-8 133-35	APPROACH 257-3 118-5	RADAR 317-7 125-95	ATIS 128-55	



RWY	SLOPE	LDA m/ft	APP LGT	RWY LGT
10(105°T) 28(285°T)	0.4%D 0.4%U	2590/8497 2590/8497	P 3° (50) P 3° (55) CL5B	RTHL(H):REDL(H):RENL(H):
05(055°T) 23(235°T)	0.24%D 0.24%U	1525/5003 1525/5003	P 2-5° P 2-5° CL3B	RTHL(H):REDL(H):RENL(H)

- WARNING.** Moderate to severe turbulence when wind from N. See Special Procedures chart.
- RHAG inset: Rwy 10 - 450m/1476ft, Rwy 28 - 330m/1083ft.  
 Rwy 05 - 585m/1919ft, Rwy 23 - 435m/1427ft.  
 Additional RHAG Rwy 10/28 centrally located.  
 Rwy 10/28. Normal Ops. App cable DOWN, centre cable DOWN, overrun cable UP.  
 Rwy 05/23. Normal Ops. App cable UP, overrun cable UP.
- Circuits. Rwy 05 RHC.
- Western access twy to main apron not suitable for B747 due to earth banking.



# RADAR PROCEDURES

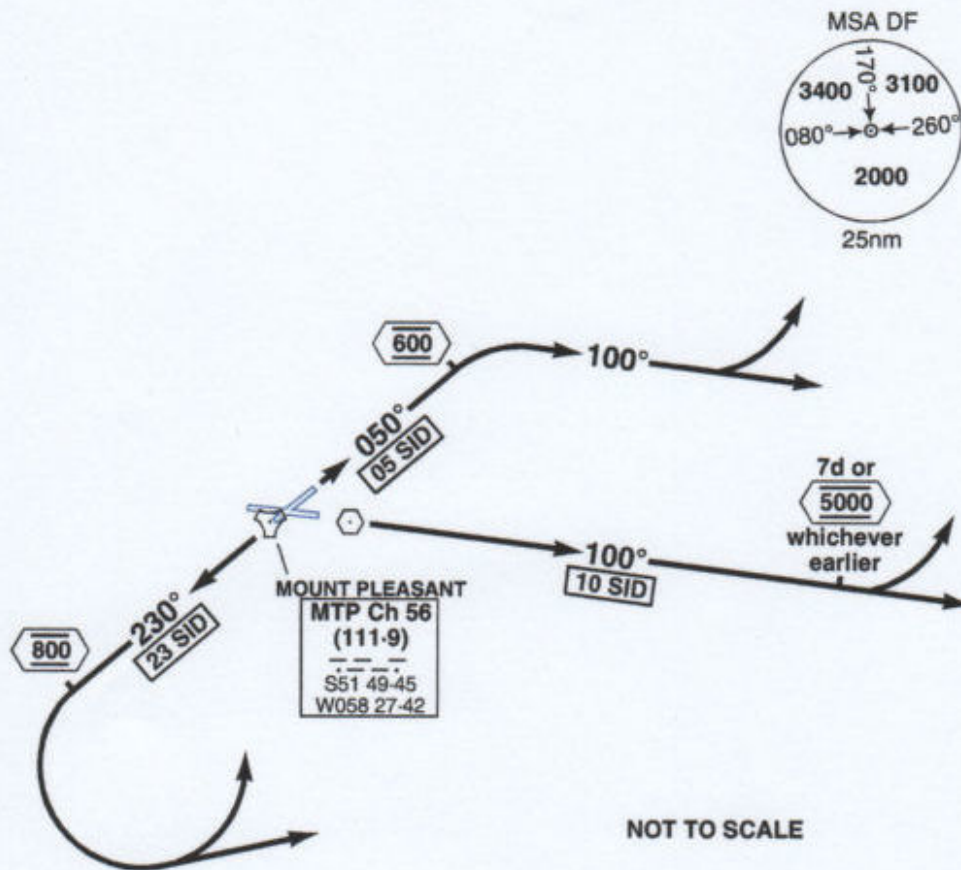
# MOUNT PLEASANT

Elev 244	Var 5° E	TA 5000	TRL ATC					
MOUNT PLEASANT APPROACH 257-3 118-5			RADAR 317-7 125-95	TOWER 356-8 133-35	GROUND 317-7 125-95	ATIS 128-55		
RWY QFU	PROC	GP/TCH	RTR	MAPt	CAT	DA/RVR MDA/RVR	DH/ MDH	CEILING/ VIS
05 050°	SRA	-	-	1nm	ABCD E	560/1-2 560/1-6	340 340	400/1-2 400/1-6
MISSED APPROACH. Climb on rwy Tr to 820 600, then right on Tr 210° to 3420 3200								
10 100°	PAR	2-5° & 3°	-	-	ABCDE	450/1-4	200	200/1-4
	AZ*	-	-	1nm	ABCDE	560/1-4	310	400/1-4
	SRA*	-	-	1nm	ABC DE	710/1-4 710/1-6	460 460	500/1-4 500/1-6
* CAUTION. These procedures incorporate a stepfix at 4-2nm. Do not descend below 1240 990 until advised by ATC.								
MISSED APPROACH. Climb on rwy Tr to 850 600, then right on Tr 260° to 3450 3200								
23 230°	PAR	2-5° & 3°	-	-	ABCDE	420/1-4	200	200/1-4
	AZ*	-	-	1nm	ABCDE	480/1-4	260	300/1-4
	SRA*	-	-	1nm	ABCDE	500/1-4	280	300/1-4
* CAUTION. These procedures incorporate a stepfix at 3nm. Do not descend below 660 440 until advised by ATC.								
MISSED APPROACH. Climb on rwy Tr to 820 600, then left on Tr 070° to 3420 3200								
28 280°	PAR	2-5° & 3°	-	-	ABCDE	430/0-8	200	200/0-8
	AZ	-	-	1nm	AB CDE	480/0-8 480/1-2	250 250	300/0-8 300/1-2
	SRA	-	-	1nm	AB CDE	500/0-8 500/1-2	270 270	300/0-8 300/1-2
MISSED APPROACH. Climb on Tr 270° to 830 600, then left on Tr 110° to 3430 3200								
CIRCLING MINIMA					A	690	440	500/1-6
					B	740	490	500/1-6
CIRC prohibited N of Rwy 10/28					C	740	490	500/2-4
CIRC prohibited W of Rwy 05/23					DE	840	590	600/3-2
COMMS FAILURE.								
1. If unable to continue the approach, turn towards the AD climbing to 3450 3200 and attempt to contact MOUNT PLEASANT on any published frequency. If no contact, proceed to the IAF for the last known rwy-in-use, carry out one complete hold at 3450 3200 before commencing any pilot-interpreted approach.								
For Simulation ONLY								

# Rwy 05,10,23 SID

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC			
MOUNT PLEASANT GROUND 280-5 130-3		TOWER 356-8 133-35		APPROACH 257-3 118-5	RADAR 317-7 125-95	ATIS 128-55



For Simulation ONLY

## MNM RQRD CLIMB RATE (fpm)

RWY	GRAD	80	120	150	180	210	250	To
05	2-6%	210	320	400	480	560	660	1300

1. The initial climb gradients exceed APATC-1 design limits. To achieve required obstacle clearance, 50 AGL should be achieved by rwy end for all SID.

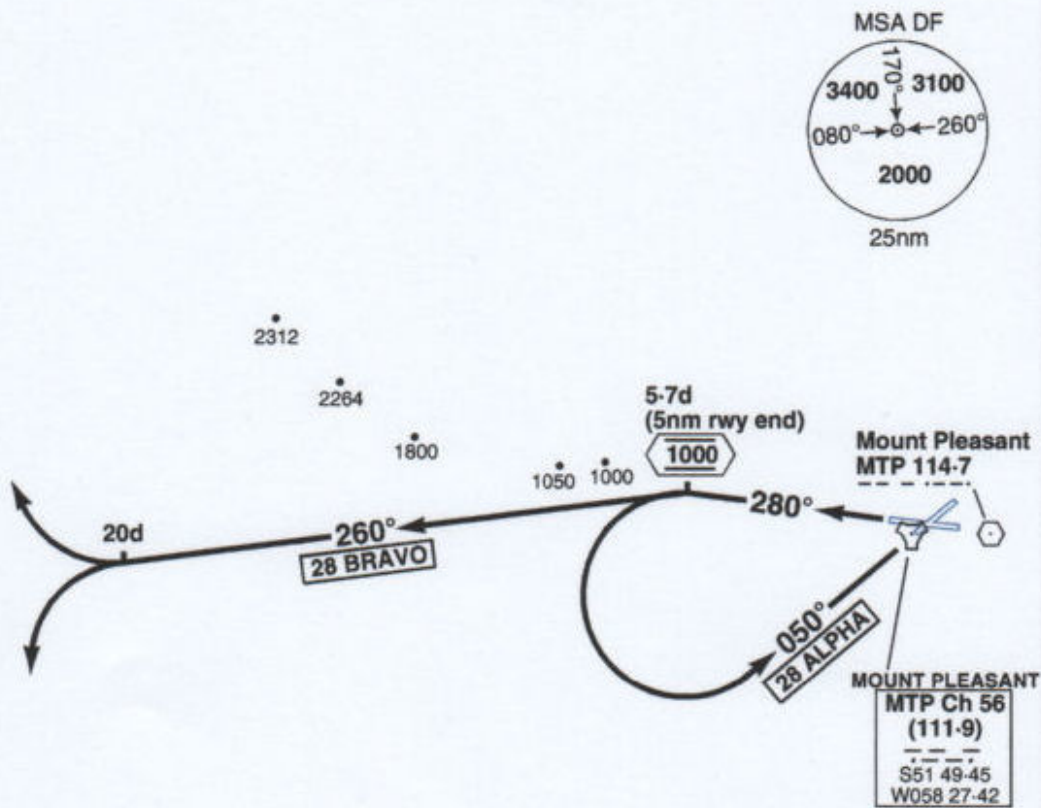
SID	RWY	ROUTEING (Including Mnm Noise Routes)
Rwy 05 SID	05 050°M	Climb on rwy Tr to 600 QFE, then right on Tr 100° continuing climb; SID ends passing 3200 QFE.
Rwy 10 SID	10 100°M	Climb on rwy Tr to 5000 or MTP 7d, whichever earlier, then continue as flight planned.
Rwy 23 SID	23 230°M	Climb on rwy Tr to 800 QFE, then climbing left and continue as flight planned. SID ends on passing 3200 QFE.



# Rwy 28 SID

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC		
MOUNT PLEASANT GROUND 280.5 130.3	TOWER 356.8 133.35	APPROACH 257.3 118.5	RADAR 317.7 125.95	ATIS 128.55	



NOT TO SCALE

For Simulation ONLY

## MNM RQRD CLIMB RATE (fpm)

RWY	SID	GRAD	80	120	150	180	210	250	To
28	ALPHA	2.6%	210	320	400	480	560	660	1300
28	BRAVO	2.6%	210	320	400	480	560	660	3200

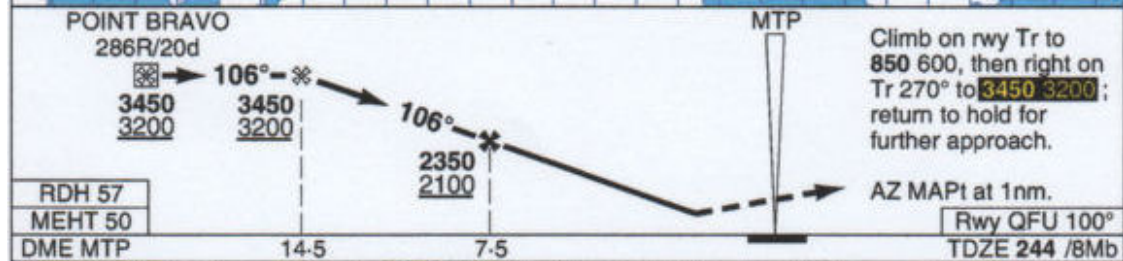
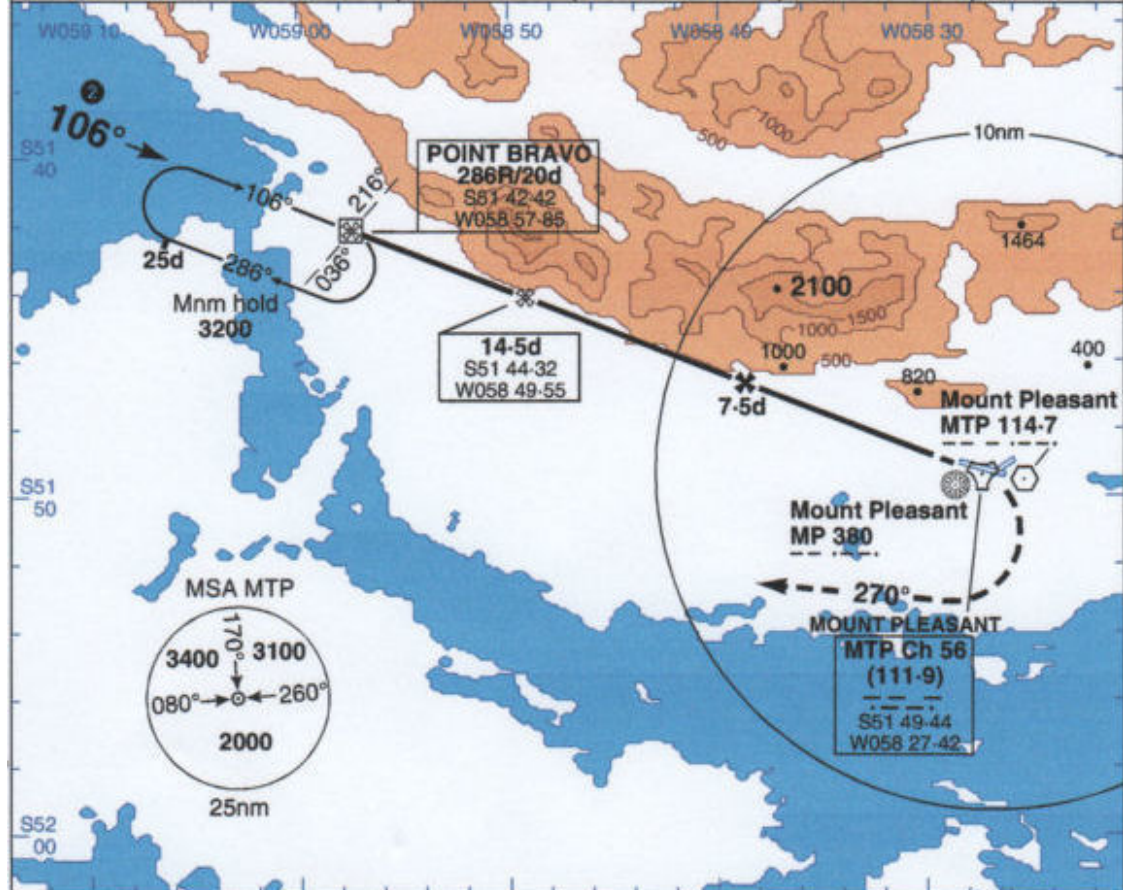
1. The initial climb gradients exceed APATC-1 design limits. To achieve required obstacle clearance, 50 AGL should be achieved by rwy end for both SID.

SID	RWY	ROUTEING (Including Mnm Noise Routes)
28 ALPHA	28 280°M	Climb on rwy Tr to 1000 QFE or 5-7d/5nm from rwy end, whichever earlier, then left on Tr 050° continuing climb; SID ends passing 3200 QFE.
28 BRAVO		Climb on rwy Tr to 1000 QFE or 5-7d/5nm from rwy end, whichever earlier, then left on Tr 260° continuing climb; at 20d continue as flight planned.

# TAC to PAR Rwy 10

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC	PAR		
MOUNT PLEASANT APPROACH 257.3 118.5			RADAR 317.7 125.95	TOWER 356.8 133.35	GROUND 280.5 130.3	ATIS 128.55



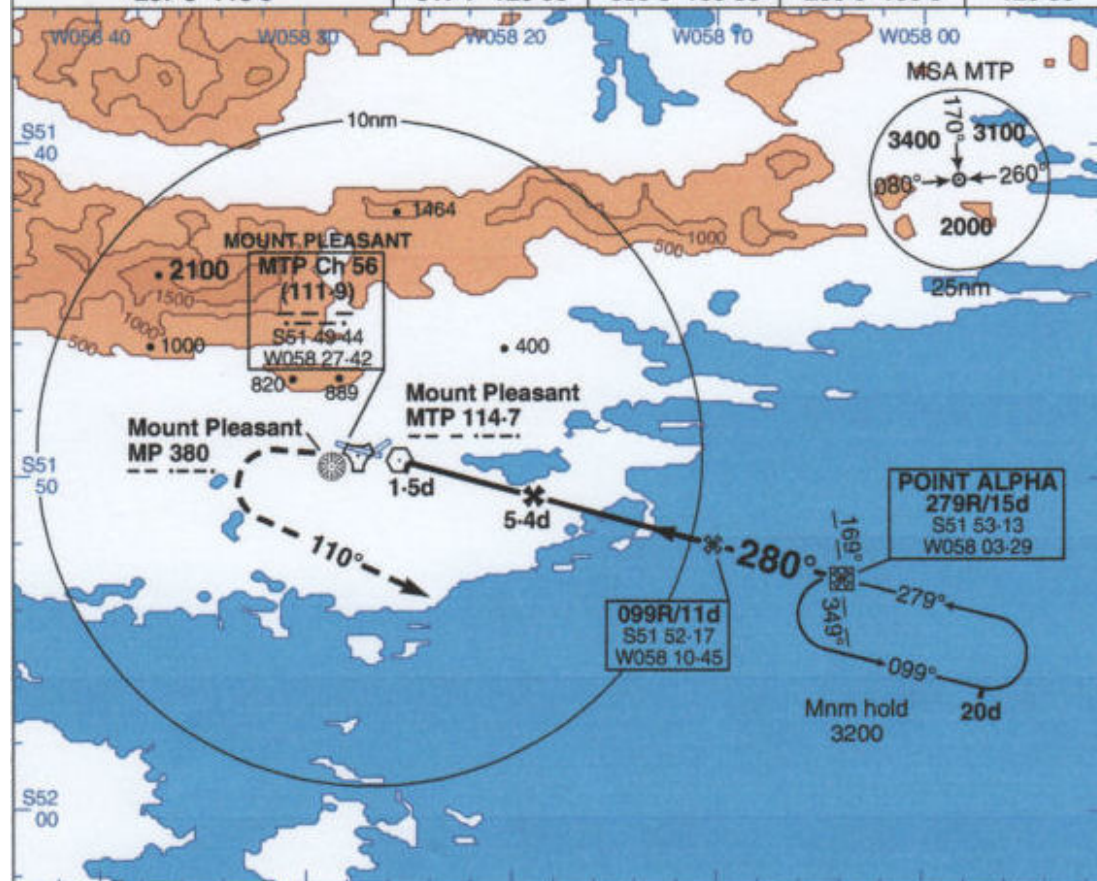
CAT	PAR	AZ	CIRC ②	<p>1. CAUTION. High ground in close proximity to FAT.</p> <p>② FAT offset 6° left of RCL.</p> <p>③ CIRC prohibited N of Rwy 10/28 and W of Rwy 05/23.</p> <p>For Simulation ONLY</p>
A		560/0.8 310 (400/0.8)	690 440 (500/1.6)	
B			740 490 (500/1.6)	
C	450/0.8 200 (200/0.8)		740 490 (500/2.4)	
D		560/1.2 310 (400/1.2)	840 590 (500/3.2)	
E				



# TAC to PAR Rwy 28

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC	PAR		
MOUNT PLEASANT APPROACH 257.3 118.5			RADAR 317.7 125.95	TOWER 356.8 133.35	GROUND 280.5 130.3	ATIS 128.55



Climb on Tr 270° to 830 600, then left on Tr 110° to join the hold at 3430 3200.

AZ MAPt at 1nm.

Rwy QFU 280°

TDZE 228/8Mb

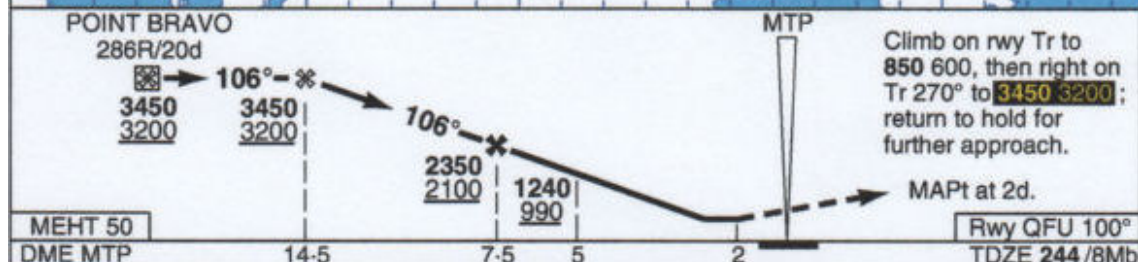
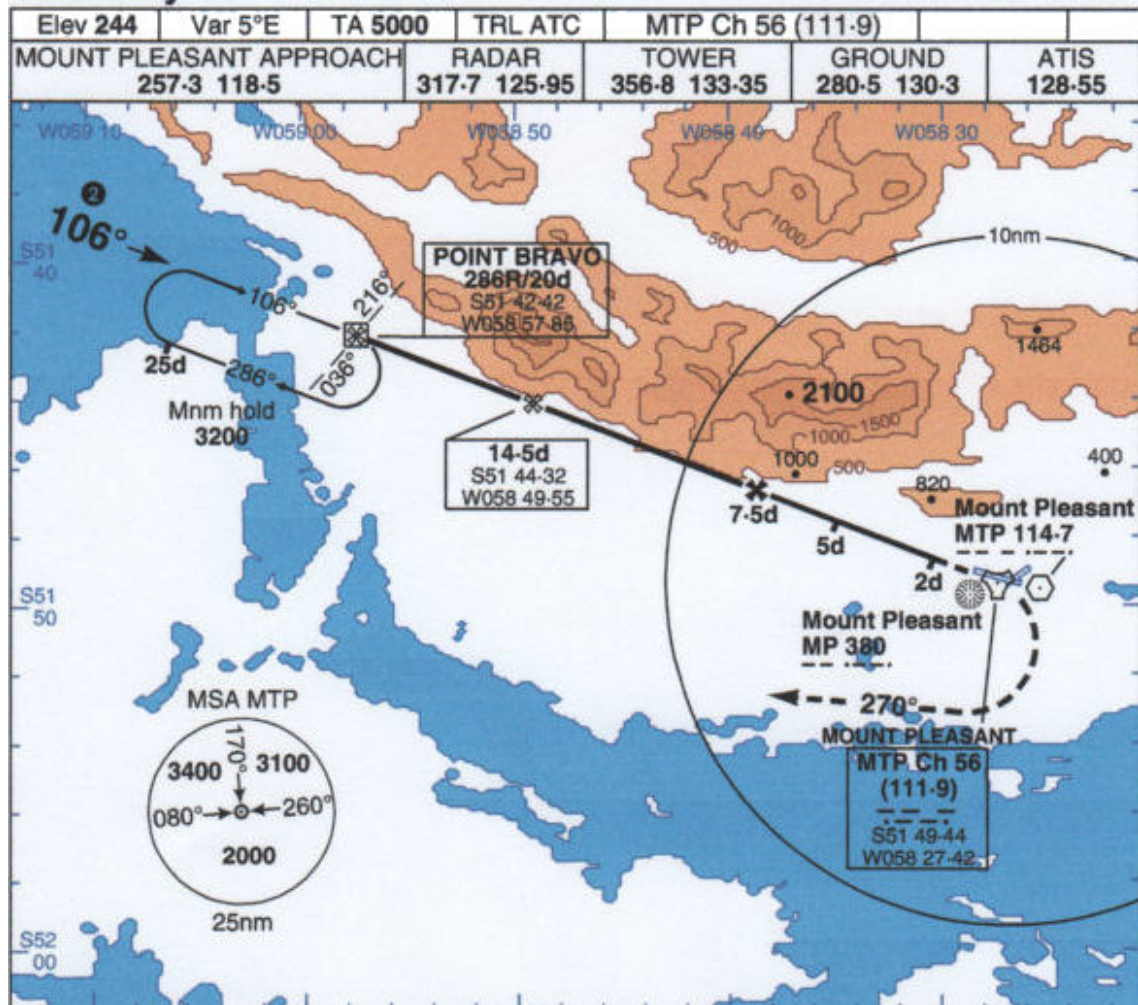
CAT	PAR	AZ			CIRC ①		
A	430/0.8 200 (200/0.8)	480/0.8 250 (300/0.8)			690 440 (500/1.6)		
B					740 490 (500/1.6)		
C		480/1.2 250 (300/1.2)			740 490 (500/2.4)		
D					840 590 (600/3.2)		
E							
GS (kt)		80	120	150	180	210	
FAF-MAPt 3.9nm		2:57	1:57	1:34	1:18	1:07	

① CIRC prohibited to N of Rwy 10/28 and W of Rwy 05/23.

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# TAC Rwy 10

# MOUNT PLEASANT



CAT	TAC	CIRC ③	1. CAUTION. High ground in close proximity to FAT.	DME MTP	ALT HT
A		690 440 (500/1-6)	② FAT offset 6° left of RCL.	7	2200
B	750/1-5 500 (500/1-5)	740 490 (500/1-6)	③ CIRC prohibited N of Rwy 10/28 and W of Rwy 05/23.	6	1900
C		740 490 (500/2-4)		5	1600
D	750/1-6 500 (500/1-6)			4	1300
E	750/2-0 500 (500/2-0)	840 590 (500/3-2)		3	1000

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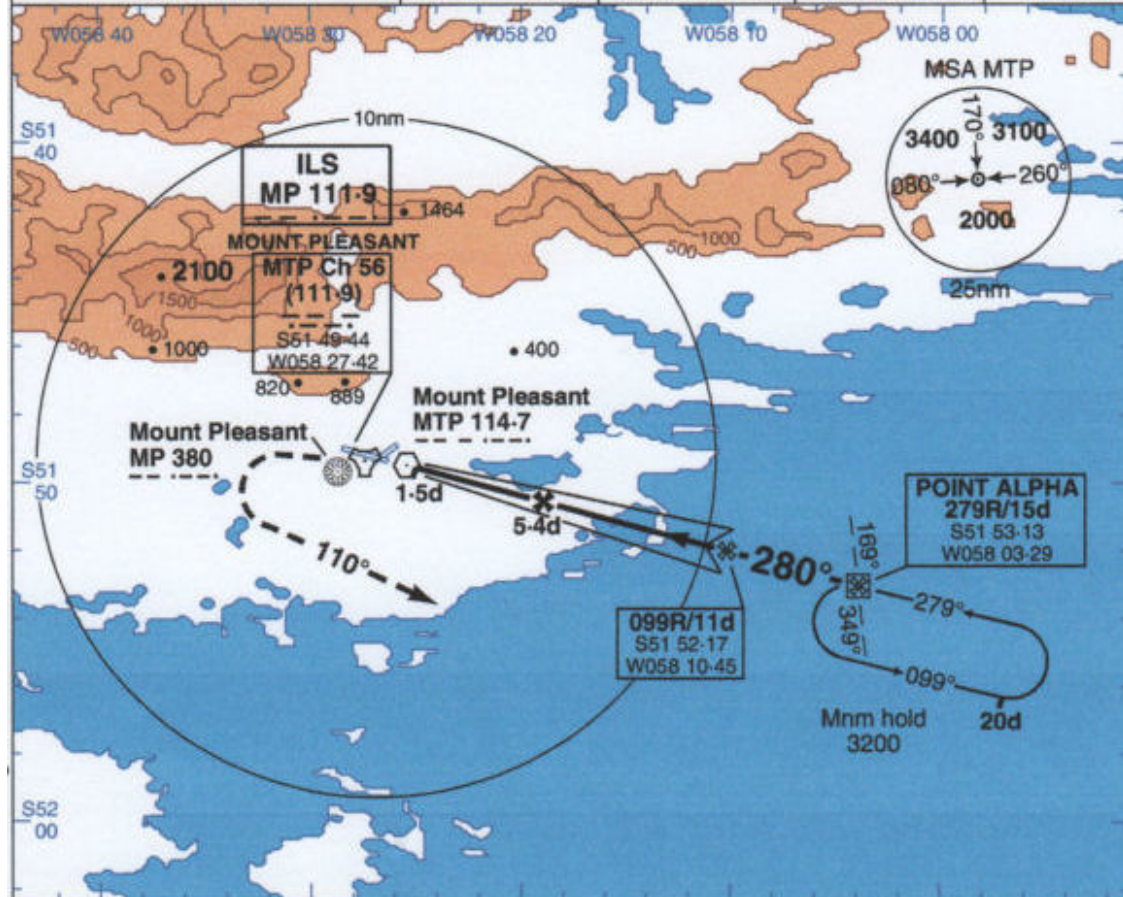




# TAC to ILS Rwy 28

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC	MP 111.9		
MOUNT PLEASANT APPROACH 257.3 118.5			RADAR 317.7 125.95	TOWER 356.8 133.35	GROUND 280.5 130.3	ATIS 128.55



Left on Tr 270° to 830 600, then left on Tr 110° to join the hold at **3430 3200**.

MAPt at 1.5d.

Rwy QFU 280°

TDZE 228/8Mb

CAT	ILS	LLZ	CIRC 4
A		480/0.8 250 (300/0.8)	690 440 (500/1.6)
B			740 490 (500/1.6)
C	430/0.8 200 (200/0.8)		740 490 (500/2.4)
D		480/1.2 250 (300/1.2)	840 590 (600/3.2)
E			

GS (kt)	80	120	150	180	210
FAF-MAPt 3.9nm	2:57	1:57	1:34	1:18	1:07
ROD (fpm)	3°	420	640	800	950

1. DME or radar monitoring mandatory.
  2. Subject to the appropriate visual references being achieved at DH, the ILS beam structure is suitable for autocoordinated approaches to the THR.
  3. Acft not equipped with TACAN may be vectored to the LLZ by APPROACH.
- ④ CIRC prohibited N of Rwy 10/28 and W of Rwy 05/23.

RDH 53	
MEHT 55	
DME MTP	ALT HT
5	1580 1350
4	1280 1050
3	980 750
2	680 450

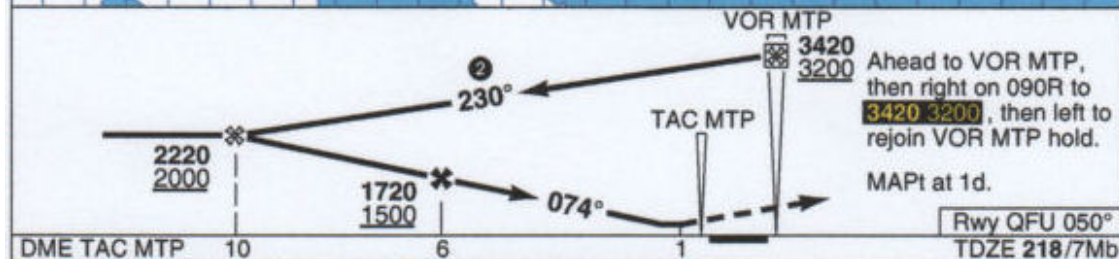
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# VOR/DME Rwy 05

# MOUNT PLEASANT

Elev <b>244</b>	Var <b>5°E</b>	TA <b>5000</b>	TRL ATC	MTP <b>114.7</b>		
MOUNT PLEASANT APPROACH <b>257.3 118.5</b>			RADAR <b>317.7 125.95</b>	TOWER <b>356.8 133.35</b>	GROUND <b>280.5 130.3</b>	ATIS <b>128.55</b>



CAT	VOR/DME	VOR	CIRC	DME MTP	ALT HT
A	540/1.9 320 (300/1.9)	NOT AUTH	690 440 (500/1.6)	5	1420
B			740 490 (500/1.6)	4	1200
C			740 490 (500/2.4)	3	900
D			840 590 (600/3.2)		820
E					600

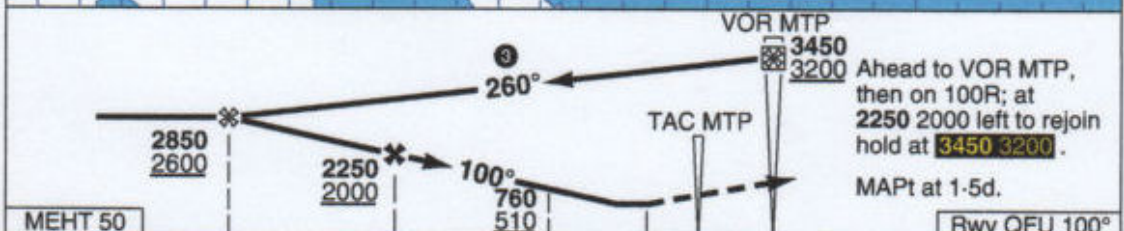
  

GS (kt)	80	120	150	180	210
FAF-MAPt	5nm	3:45	2:30	2:00	1:40

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## MOUNT PLEASANT

[illegible]

DME TAC MTP		10	6-5		2-5	1-5	Rwy Crs 100		TDZE 244/8Mb		
CAT	VOR/DME	VOR		CIRC ④		<div>1. <b>CAUTION.</b> High ground in close proximity to FAT.</div> <div>2. <b>DME mandatory.</b></div> <div>③ Cat A,B ooubd on Tr 268°.</div> <div>④ <b>CIRC prohibited</b> N of Rwy 10/28 and W of Rwy 05/23.</div>				DME MTP	ALT HT
A	610/1-4 360 (400/1-4)	NOT AUTH	690 440 (500/1-6)		6					2100 1850	
B			740 490 (500/1-6)		5					1800 1550	
C			740 490 (500/2-4)		4					1500 1250	
D			840 590 (600/3-2)		3					1200 950	
E					2					900 650	
GS (kt)		80	120	150	180	210					
FAF-MAPT		5nm	3:45	2:30	2:00	1:40	1:26				

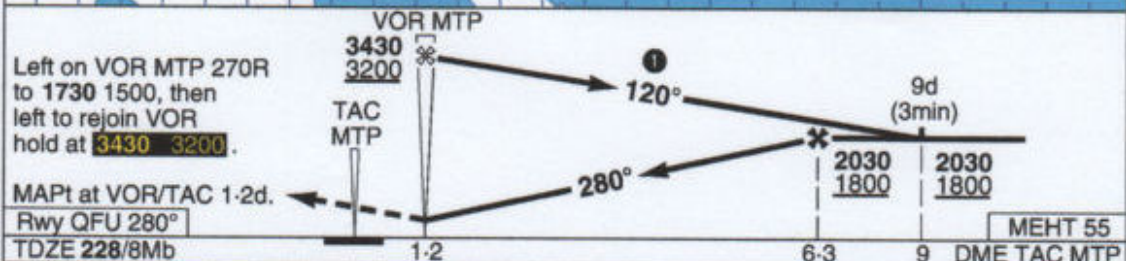
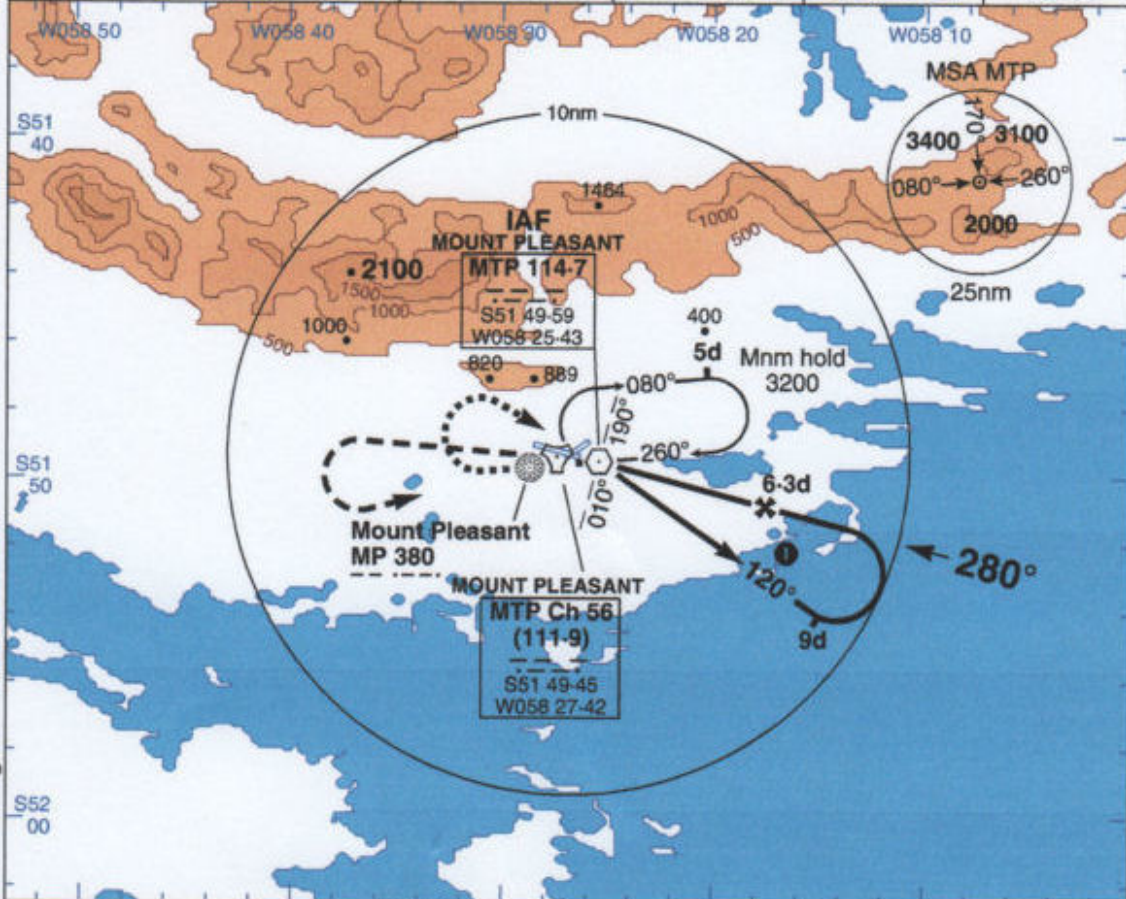
For Simulation ONLY



# VOR/DME Rwy 28

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC	MTP 114.7		
MOUNT PLEASANT APPROACH 257.3 118.5			RADAR 317.7 125.95	TOWER 356.8 133.35	GROUND 280.5 130.3	ATIS 128.55



CAT	VOR/DME	VOR	CIRC ④	DME MPT	ALT HT
A	500/0-8 270 (300/0-8)	560/0-8 330 (400/0-8)	690 440 (500/1-6)	6	1880
B			740 490 (500/1-6)	5	1580
C			740 490 (500/2-4)	4	1280
D	500/1-2 270 (300/1-2)	560/1-2 330 (400/1-2)	840 590 (600/3-2)	3	980
E		NOT AUTH		2	680
GS (kt)	80	120	150	180	210
FAF-MAPt 5.1nm	3:51	2:33	2:02	1:42	1:27

1. Cat A,B oudb on Tr 115° to 7d.
2. From Hold. Follow MTP 260R for 45sec, then right on Tr 120° (MTP 300R) to MTP to proceed oudb.
3. No DME. Oudb for 3min, then left onto FAT; when established descend to MDH.
- ④ CIRC prohibited N of Rwy 10/28 and W of Rwy 05/23.

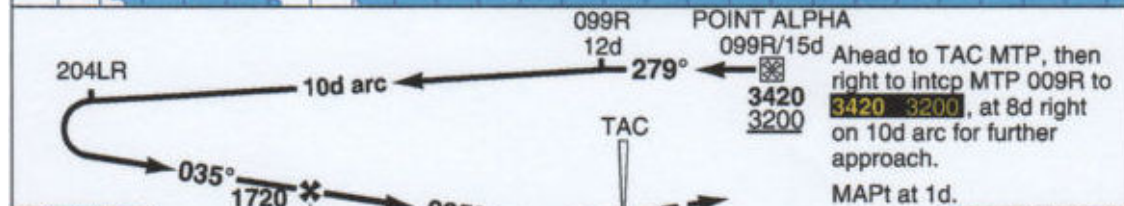
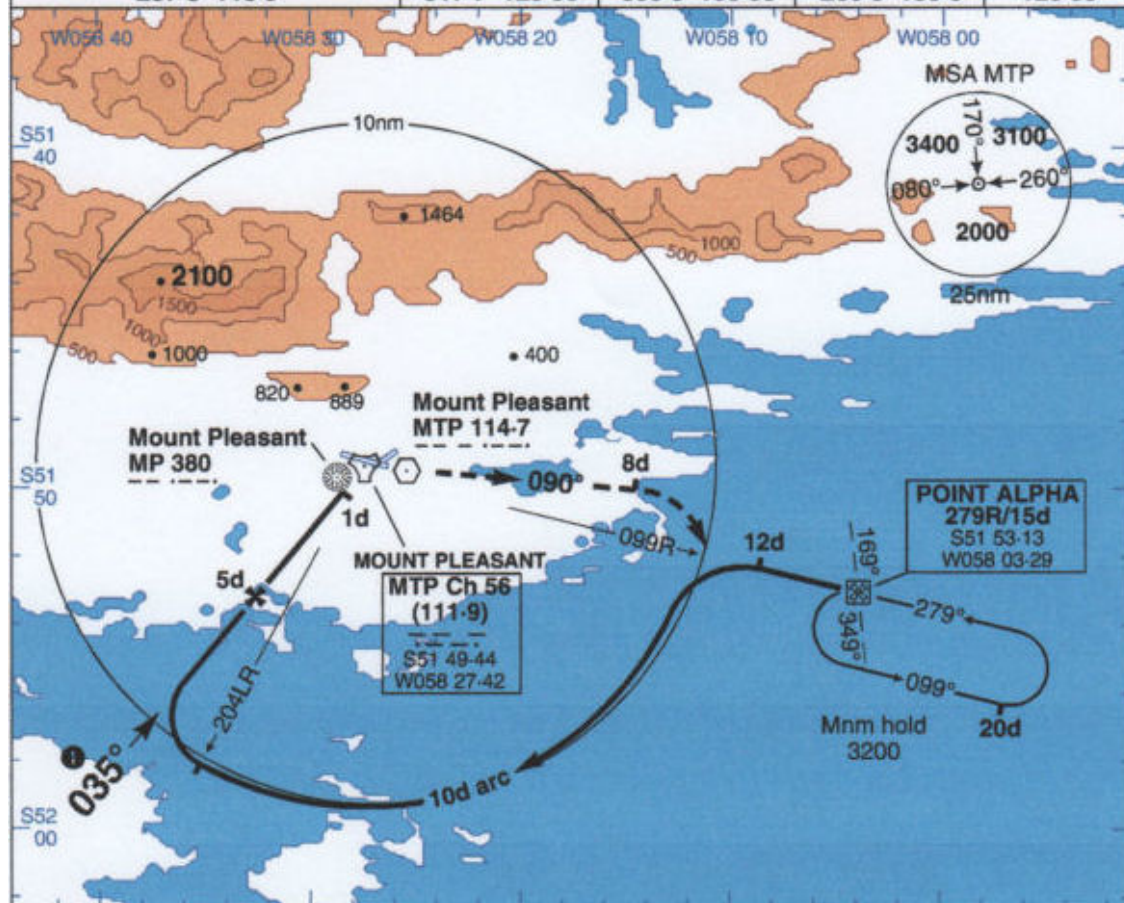
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# TAC Rwy 05

# MOUNT PLEASANT

Elev 244	Var 5°E	TA 5000	TRL ATC	MPT Ch 56 (111.9)		
MOUNT PLEASANT APPROACH 257.3 118.5			RADAR 317.7 125.95	TOWER 356.8 133.35	GROUND 280.5 130.3	ATIS 128.55



MEHT 50						Rwy QFU 050°
DME MTP						TDZE 218/7Mb

CAT	TAC		CIRC ②	① FAT offset 15° right of RCL. ② CIRC prohibited N of Rwy 10/28 and W of Rwy 05/23.	DME MTP	ALT HT
A			690 440 (500/1-6)		4	1420 1200
B			740 490 (500/1-6)		3	1120 900
C	540/1-8 320 (300/1-8)	N/A	740 490 (500/2-4)		2	820 600
D						
E			840 590 (600/3-2)			

For Simulation ONLY

## Appendix B

### Text of Agreement

#### **VATSIM REGIONS-actual dispositions**

CoR pgs. 14/15

**7.** South America: Argentina, Bolivia, Brazil, Chile, Columbia, Easter Islands, Ecuador, Falkland Islands, French Guyana, Guyana, Paraguay, Peru, Surinam, Uruguay, Venezuela.

HISTORY: (Eff. 07-27-01; Amended 12-02-02 – CoR 2002-008)

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#### **STATEMENT RESOLUTIVE**

VATSIM SA, South America Region of VATSIM by means of Regional Operations Direction (VATSA3) in coordination with VATSUR Division Direction(VATSUR1), has considered VATUK proposition about RAF Mount Pleasant-EGYP /RAF Monte Agradable.EGYP Operations VATSIM-UK, (V-03.02.2008) taking account its very friendly spirit, coincident with the VATSIM philosophy over the world.

As established in VATSIM CoR, pgs 2, 14/15, **§3.03, A-prgph. 7**, RAF Mount Pleasant - EGYP /RAF Monte Agradable - EGYP is a component part of VATSUR Division, from South America VATSIM Region.-

Independent and whatever the real world political situation is, it will be possible, within the confines of VATSIM, to provide ATC services using real world procedures. No language, nor Traffic Control Rules or VATSIM CoR dispositions are against such purpose.

As It is VATUK also hoped, nothing is against so that controllers from ARTCC Argentino will also control at Monte Agradable in a spirit of friendship and mutual co-operation.

For this purpose, it would only be necessary to coordinate procedures between VATUK and VATSUR in a whole agreement with the elements included in the proposed document.

VATSUR has the same VATSIM regulations and organization, including RAF Mount Pleasant-EGYP/RAF Monte Agradable-EGYP zone, with the same VATSIM CoC, DCRM and RCRP, directed by the same regulations.

For Special Operations, normal VATSIM SO regulations apply.

It is formally established that RAF Mount Pleasant-EGYP / RAF Monte Agradable-EGYP Control Zone as delimited, is not organically dependent from ARTCC Argentino nor VATUK, whereas organically belongs to VATSUR Division and VATSIM SA Region, as ut-supra established.-

In the terms before exposed, it is understood that it is not of the case and therefore it is not necessary to refer or to establish no other agreement that should not be another thing more than exclusively of operative coordination, as totally another subject, strange to any political status in any of the included territories.

It is not VATSIM subject real political affairs or status in different states or countries.-

By the exposed terms, We approved with value of normative agreement the VATUK PROPOSAL, according to is written up next.

TRANSITORY: According VATSIM CoR, VATUK and VATSUR will elaborate the organization of vACC Falkland Islands – Islas Malvinas taking into account the bases contained in this document that both Divisions accept the same in all their terms