

**AMBERLEY**

**ELEV 91**

**AVFAX CODE 4018**

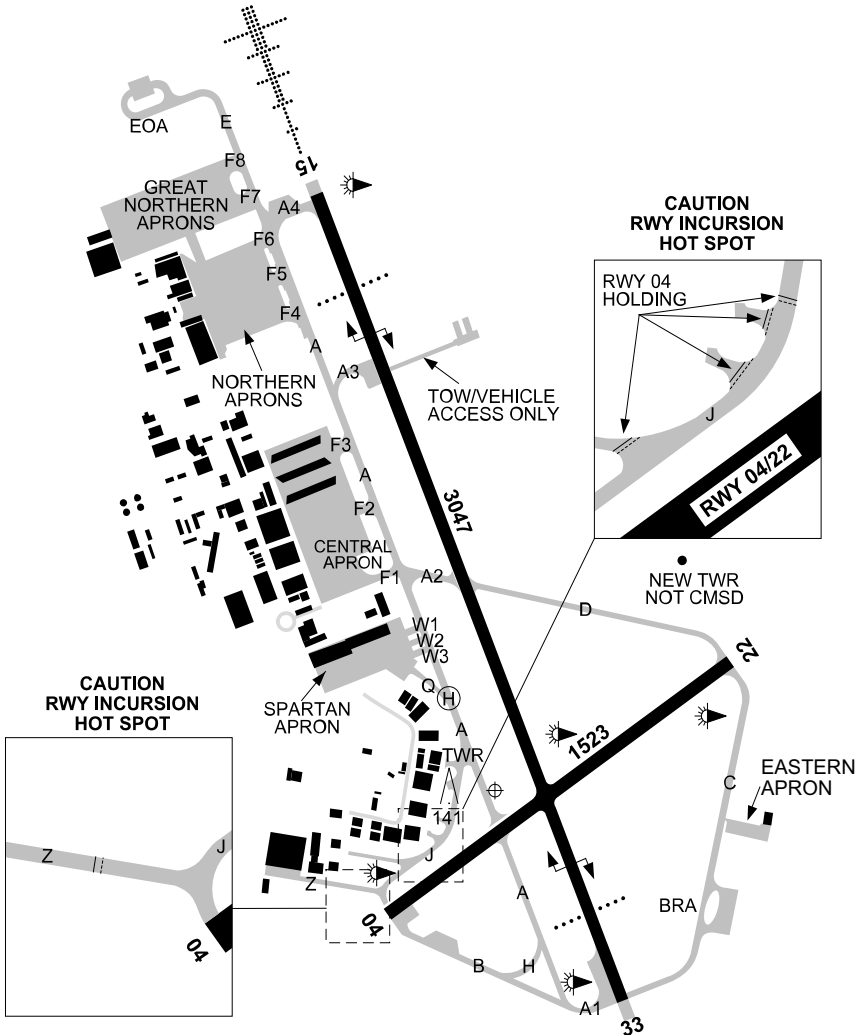
QLD  
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VAR 11 DEG E

YAMB  
MIL

AD OPR RAAF, Airbase Operations Centre, RAAF Base Amberley, QLD, 4306. Email: amb.aboc@defence.gov.au. PH 07 5361 2888.



**REMARKS**

1. Aerodrome Operating Hours 2230-1300 UTC MON-THU, 2200-0700 UTC FRI. FAC may be unmanned outside aerodrome hours.
2. AD not open for public use. CIV OPS requesting air, landing and/or ground operations AMB require 48HR prior notification to Amberley Airbase Operations Centre (ABOC) by written request via email amb.aboc@defence.gov.au. Note comments in "FLIGHT PROCEDURES".

3. MED available 2130-0630 UTC MON-THU, 2130-0430 UTC FRI. OT available only for scheduled high performance ejection seat aircraft.
4. Visiting MIL ACFT planning to conduct instrument approach procedures or circuit training at YAMB - 24HR PN required to obtain prior approval to allow coordination with local operations. Phone ABOC 07 5361 2888, 0473 628 662. Written requests may be required.
5. Customs, Health and Immigration - 24HR PN.

### HANDLING SERVICES AND FACILITIES

F34, 0135, 0148, 0156, H515, WTA (24HR PN), PRESAIR, HPOX, LHOX, LOX (24HR PN), LPOX, E1, E2, E3, E4, E5, E8, E9, E10, E11, E12, E13, E14, E15, E16, C, CM.  
 Air Movements/Base Duty Crew AVBL 2130-0630 UTC MON-THU, 2130-0230 UTC FRI, OT PN.  
 Airbase Operations Centre (ABOC) Phone 07 5361 2888 or 0473 628 662.

### General

AMS (MIL) AVBL on 361.6 or THRU ABOC Phone 07 5361 2888 or THRU AMB Switch 07 5361 1111. AMS availability may be amended by NOTAM. AMS maybe vacated during promulgated HR when long breaks BTN SKED MOV occur. ABOC Duty contact only applies.

### RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 2200-1300 UTC, CAT 4 OT.
2. Higher RFFS CAT AVBL with 72HR PN through ABOC. CAT 8 AVBL subject to staffing.
3. Outside TWR HR CTC RFFS via CTAF.

### APRONS AND TAXIWAYS

1. Central Apron  
PCN 42/F/C/1750 (254PSI)/T.  
Restricted to Code C ACFT only.
2. TWY A and E: WID 23M. TWY B, C, D, H, J, Q and Z: WID 15M.
3. TWY J restricted to 36M MAX wingspan.
4. TWY F4, F5, F6, F7, F8 and Northern Apron  
PCN 73/R/C/1750 (254PSI)/T KC-30A.
5. Pavement Concessions for KC-30A BLW 233,900KG (515,661LB) AUW,  
Tyre Pressure 1,420kPa (206PSI). Not RQ for Northern Apron and TWY F4, F5 and F6.  
All OPS with an AUW ABV 214,000KG (471,788LB) are to be recorded and notified on a monthly basis to email address adfces@drn.mil.au
6. TWY A4 lead in line displaced FM centre. Exercise caution when entering and exiting RWY due main landing gear proximity to outer edges of sealed SFC and RWY edge LGT.
7. HEL OPR in the Southern APN will GND Taxi utilising minimal PWR to reduce rotor wash.
8. Northern Apron tow road has OBST 29.6M from CL.

### SURFACE MOVEMENT GUIDANCE

Illuminated TACAN marker boards RWY 15/33.

### AERODROME OBSTACLES

Mast (Lit) HGT 1,457FT AMSL, PSN 273008.40S 1523530.47E, BRG 310/10.5NM FM ARP.

### METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT A, METAR/SPECI, TAF3 issued hourly AVBL during MO HR (2200-0700 UTC MON-THU, 2200-0400 UTC FRI, EXC PH, OT by TAF RMK/NOTAM), AD WRNG, WS WRNG.
2. AWIS PH 07 3564 3700 - Report faults to BoM.
3. AWIS FREQ 316.2 - Report faults to 07 5361 2888.
4. MET INFO AVBL FM Airservices Pilot Briefing. Elaborative briefing FM Defence MO 07 3281 4656 when staffed. AH AVBL FM MWO 07 3239 8737.

### PHYSICAL CHARACTERISTICS

04/22 043 50a/b PCN 47 /F /C /2033 (295PSI) /T Grooved C5A WID 45 RWS 230  
 15/33 148 100a/b PCN 73 /F /C /2033 (295PSI) /T Grooved C5A WID 45 RWS 230

1. ORP W side of THR RWY 15/33. Asphalt area of Central Apron TP 210 GW 220.  
Helicopter activity on all grass areas. Illuminated DIST to run markers all RWY.
2. Pavement concessions for C17 Globemaster BLW 265,805KG (586,000LB) AUW, tyre pressure 1,137kPa (165PSI) not RQ.  
Caution: C17 aircrew should be mindful of the ADDN effective WT of the ACFT during OPS using engine reverse thrust.

**ARRESTING GEAR**

RWY 15	BAK 14	-----	BAK 14	RWY 33
	(R)(B)(2)		(R)(B)(2)	
	464(1,521)		464(1,521)	

Recessed bi-directional BAK 12/14 Hookcables INSTL 464M (1,521FT) FM THR  
 RWY 15/33 marked by Day-Glo orange disks. DIST BTN Cables 2, 119M (6,953FT), NML OPR  
 PSN: arrestable ACFT OPR - DEP end up, APCH end - down; non arrestable ACFT OPR or outside  
 TWR HR - both ends down. No crossing RESTR in down PSN. In the event of PWR failure, cables  
 will rise to a HGT of 10CM until PWR restored - recommend ACFT not approved to trample  
 hookcables OPR BTN cables during CTAF HR. CONC absorber housing 1FT high ADJ RWY edge.

**AERODROME AND APPROACH LIGHTING**

RWY 04/22	MIRL	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 04/22	PTBL(1)			
RWY 15/33	HIRL(3)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 15/33	PTBL(1)			
RWY 15	HIAL-CAT I(5)	AFRU+PAL 118.3		SDBY PWR AVBL
RWY 15	PAPI(2)	AFRU+PAL 118.3	3.0 DEG57FT	SDBY PWR AVBL
RWY 33	PAPI(4)	AFRU+PAL 118.3	3.0 DEG57FT	SDBY PWR AVBL

- (1) Electric (15 MIN SDBY). POSS loss of VIS CTC when abeam or circling for either RWY.
- (2) Design ACFT A330. RWY 15 Aligned with ILS GP.
- (3) POSS loss of VIS CTC when abeam or circling due equipment.
- (4) Design ACFT A330.
- (5) SFL

**1. ALS type and length**

- a. RWY 15 - distance coded CL: 905M.
2. Fixed LGT settings outside TWR HR.
3. AFRU+PAL AVBL outside TWR HR.  
 PAL Day Mode LGT INTST - PAPI stage 6; HIRL/HIAL/SFL Off.  
 PAL Evening Mode LGT INTST - HIRL/HIAL/PAPI stage 4; SFL/TWY stage 2.  
 PAL Night Mode LGT INTST - HIRL/HIAL/PAPI stage 2; SFL Off; TWY stage 1.
4. PAL activates AD LGT for 30 MIN. For manual activation of AD LGT in event of PAL failure,  
 CTC CS "Base Fire" FREQ 118.3 MHz and REQ "PAL OVERRIDE".
5. HIRL/HIAL fixed INTST settings may RQ increased IAL VIS minima.

**OTHER LIGHTING**

1. Secondary PWR switchover time: up to 7 SEC.
2. TKOF with RVR less than 800M shall be at pilots discretion.
3. TWY LGT: Green CL. TWY B, H, J and Q unlit.

**ATS AND AERODROME COMMUNICATION FACILITIES**

FIA	BRISBANE CENTRE	121.2 (5)
FIA	BRISBANE CENTRE	125.7
ACD	AMBERLEY DELIVERY	134.6 (4)
APP	AMBERLEY APPROACH	126.2 (1) 243.0 (2) 335.8
ATIS	AMBERLEY ATIS (3)	123.3 316.2
SMC	AMBERLEY GROUND	129.35
SMCV	AMBERLEY GROUND	121.925
TWR	AMBERLEY TOWER	118.3 243.0 (2) 264.6

- (1) Mandatory for transit through AMB CTR and Restricted Areas.
- (2) EMERG FREQ
- (3) ATIS BCST on 123.3 and 316.2 when CTR ACT. AWIS OT. ATIS/AWIS AVBL PH 07 5361 3581
- (4) ACFT DEP Amberley, also all ACFT entering Amberley CTR and R625 FM Class G airspace are to make first CTC with AMB Delivery on 134.6 to pass FLT details and obtain SSR code. These ACFT can EXP to be issued a CLR prior to transfer to APCH.
- (5) Outside TWR HR, Limited coverage using 121.2 when on GND. CTC with BN CEN is AVBL on 134.3 when on GND. Use of this FREQ is strictly limited to cancelling SARWATCH, REQ CLR when TAX (only if planning to enter CTA IMT after DEP), and in an EMERG.

1. Test transmissions on EMERG FREQ 243.0 will take place each WED morning BTN 2100-2230 Local. Each transmission will not exceed 10 SEC.
2. HRS as per NOTAM.
3. Automatic retransmit FAC exist BTN FLW FREQ: 118.3/264.6; 126.2/335.8.
4. Pilots wishing to OPR WI AMB airspace RQ to MON ATIS to determine STS.
5. A/G FAC CTAF 118.3 coverage UNREL. Reported "Black Spots" on AD. Incidents of poor COV notify Base Aviation Safety Officer on 07 5361 4587.
6. ATS hours notified by NOTAM (refer YAMB). Outside ATS hours CTAF procedures apply. ATS may be ACT at short notice, check YAMB ATIS for status.
7. Amberley training areas may be active during ATS hours. AVFAX Code AEX - 0939, AWX - 0940, EVX - 0943.
8. ACFT planning to enter CTA IMT after DEP YAMB outside TWR HR, are to CTC BN Centre FREQ 134.3 only whilst TAX at YAMB. Otherwise FREQ 121.2 airborne prior to CTA entry to obtain CLR.

### RADIO NAVIGATION AND LANDING AIDS

TAC	AMB	112.5/ 72X	273829.5S	1524258.0E	(1)
DME	IAM	110.7/ 44X	273727.4S	1524228.9E	(3)
		(RWY15)			
GP	IAM	330.2 (RWY15)	273727.4S	1524228.9E	
ILS	IAM	110.7 (RWY15)	273859.8S	1524303.4E	(2)
LOC	IAM	110.7 (RWY15)	273859.8S	1524303.4E	

- (1) 272/0.23 to ARP. Possible bearing unlocks outside 20TAC in sector R100-R120 due terrain.
- (2) ILS Critical Area not protected outside TWR HR.
- (3) Antenna ELEV 96FT.

All NAVAIDS Pilot monitored outside TWR HR.

### LOCAL TRAFFIC REGULATIONS

1. Where practicable, ACFT should only perform 180DEG turns on the concrete thresholds of RWY 15/33 and RWY 04/22 to preserve RWY grooving.
2. All ACFT must provide their parked APN/PSN to ATC on initial taxi REQ.
3. TWR will not provide the STS of Arrestor Systems with LDG and TKOF CLR when they are in the NML OPR PSN as defined in Physical Characteristics Paragraph 2.
4. Operational Readiness Platform (ORP) WI RWS W of THR RWY 15/33 may contain vehicles or ACFT at any time. ACFT with wingspan of 40.5M (133FT) or less permitted to TKOF and land with either ORP in use. TWR will advise visiting arriving ACFT through the phraseology "Approach and/or departure end ORP in use". Visiting departing ACFT will be advised when the DEP end ORP is in use.
5. ACFT Parking Position 9 MAX wingspan 64.9M code E ACFT.
6. ACFT Parking Position 10-16 MAX wingspan 52M code D ACFT.
7. On CTAF ACFT must taxi for DEP via TWY A2 and backtrack for RWY 15 or 33. ACFT with multiple antennae must use upper antennae in preference.
8. Due BAK 14 cables on RWY 15/33 recommend OPR be confined BTN cables effective OPR LEN 2,119M (6,953FT).

### FLIGHT PROCEDURES

#### 1. ARRIVING ACFT:

- a. When ACFT parked in RWY 33 ORP, LDG heavy category ACFT to use TEMPO unmarked DTHR of 464M (1,521FT), in line with southern Hookcable Markers.
- b. Amberley ground firing ranges WI AMB CTR.
  - (i) Purga Range (D648) Active NOTAM, position 141/5.3TAC, radius 1NM vertical limits 0-2,000FT.
  - (ii) 25 metres range. Active HJ (S of AD BDRY) radius 150FT, vertical limits 0-400FT.

#### 2. ILS TRAINING - CIV ACFT

Use of the AMB ILS is permitted DRG AMB ATS HR. The FLW conditions apply:

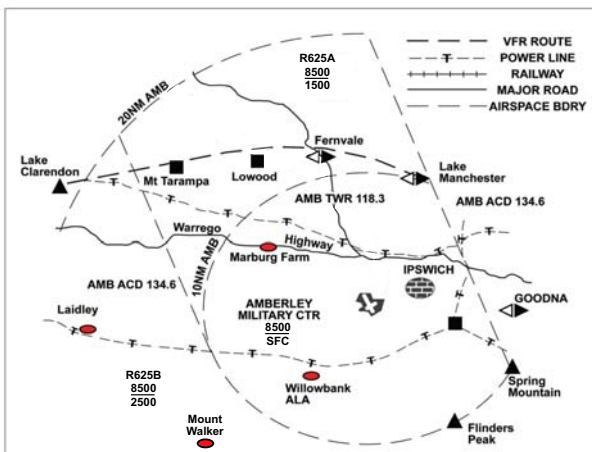
- a. Safety Pilot is to be carried in accordance with *CASR 91.720*.
- b. Procedures:
  - (i) ACFT can expect to be vectored on to FNA;
  - (ii) LDG strobe and NAV LGT to be on DRG FNA in VMC;

- (iii) All APP to be terminated via the missed approach unless specifically directed by ATC;
- (iv) PILS to be annotated on flight plan.
- c. Availability:
  - (i) PILS availability subject to MIL OPS and serviceability;
  - (ii) PILS AVBL AH subject to serviceability. ILS critical area not protected AH;
  - (iii) AMB ABOC is to approve **all** PILS approach requests including any that may be conducted outside OPR HR.
  - (iv) AMB ABOC will notify availability provided request is received at least 48 HR prior via email to: amb.aboc@defence.gov.au. Requests are to include: a. Callsign; b. ACFT Type; c. Time Requested; d. Contact Details.
  - (v) Separate arrangements for airline, EMERG services, and CIV ACFT on MIL related tasks are AVBL.
- 3. **SPECIAL PROVISIONS FOR CIV ACFT ON NAT IN AMB CTR:**
  - a. The MIL reserves the right to allocate priority to MIL ACFT. CIV ACFT on NAT may be INTRP or terminated at any time DRG APCH;
  - b. NML EMERG response SER will be AVBL with no special provisions for CIV ACFT on NAT.

#### 4. TRANSITING AIRCRAFT

VFR aircraft requesting to enter or transit AMB CTR or restricted areas are to contact ACD on 134.6 MHz for AWY clearance. VFR ACFT should submit FPL to reduce delays in processing ACFT. If clearance is not immediately available remain in Class G airspace and, for ACFT departed Archerfield:

- a. BTN 205 and 259 DEG M AF, track east of SPRING MOUNTAIN then south of FLINDERS PEAK.
- b. BTN 260 and 309 DEG M AF, track via the northern shores of LAKE MANCHESTER, thence the LAKE MANCHESTER VFR route, remaining not ABV 1,500FT AMSL, until clearance becomes AVBL.
- c. The LAKE MANCHESTER VFR route is established for VFR transit of R625A.
  - (i) Tracking shall be: a track joining the northern shores of Lake Manchester (LMC), Fernvale (FNVL), Lowood, Mt Tarampa and Lake Clarendon (LKON) in either direction.
  - (ii) Levels shall be:
    - To remain OCTA, ACFT shall be not ABV 1,500FT AMSL.
    - When cleared by AMB ACD or AMB APP, ACFT may operate as per their clearance.
  - (iii) When AMB CTR and R625A ACT, VFR ACFT CTC AMB ACD on 134.6 for CLR to transit R625A prior to LMC westbound and prior to LKON eastbound.



**5. CIRCUIT OPERATIONS**

All ACFT taxi for OPS confined to the ATZ shall CTC Amberley SMC to pass FLT details and obtain SSR code and AWY CLR.

Circuit OPS at Amberley occur WI the ATZ WI a 5NM radius of Amberley ARP, SFC-1,500FT. Unless ATC direct otherwise, circuits will be conducted as follows:

- a. RWY 15 - right circuits
- b. RWY 33 - left circuits
- c. RWY 04/22 - left circuits

**6. HELICOPTER OPERATIONS**

Helicopters authorised to conduct circuit training at Amberley are to expect operations to either of the following, not above 500FT AMSL:

- a. CHOPPERS EAST: Utilising threshold RWY 22 as a HLS, remaining WI 600M (2,000FT) of threshold RWY 22 and east of a line parallel to RWY 15/33 intersecting threshold RWY 22, not above 500FT AMSL.
- b. CHOPPERS WEST: Utilising threshold RWY 04 as a HLS, remaining WI 600M (2,000FT) of threshold RWY 04 and west of a line parallel to RWY 15/33 intersecting threshold RWY 04, not above 500FT AMSL.

Helicopters ARR Amberley may expect landing at Choppers East or West then air transit to parking. Helicopters DEP Amberley may expect air transit to Choppers East or West for DEP.

**7. NVG OPERATIONS**

Due to HN NVG OPS all RWYS are to be treated as active, regardless of lighting status.

**8. NOTIFICATION OF AGRICULTURAL OPERATIONS**

Agricultural OPR operating in QLD and NSW, S of Rockhampton and N of Newcastle are encouraged to provide details of their areas of OPS to assist with separation. The sortie details provided will be passed to local squadrons operating FM AMB. Phone AMB 07 5361 2888, 0473 628 662.

**9. SURVEY/PHOTOGRAPHY AIRCRAFT**

ACFT requesting to conduct survey or photography work within AMB CTA are to email a survey map containing at least date(s), time(s), level(s), flight category, ACFT type and registration. File size should be kept to a minimum, APRX 2MB in size. Email requests to ABOC (amb.aboc@defence.gov.au) with 24HR PN to avoid airborne delays or unavailability.

**10. REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS)**

The FLW permanent RPAS areas exist:

- a. Model ACFT OPR FM PSN 273736.00S 1524012.00E (BRG 279MAG 2.4NM FM ARP) not above 400FT AGL HJ in VMC. Model ACFT will give way to all ACFT. During ATS HRS notified on ATIS by "Amberley Model ACFT Club ACT." When Amberley ATC ACT, Pilots may request for OPS to be ceased through ATC.
- b. Small (less than 25KG) RPA OPR in Marburg Farm area (BRG 296MAG 7NM FM ARP) not above 400FT AGL HJ in VMC. Area is bounded by N of the Warrego Highway, W of Claus Rd, S of Glamorganvale Rd and the line 272942S 1523600E to 273342S 1523536E and the mountain range E of Minden and Lowood. During ATS HRS notified on ATIS and outside TWR HR RPA controller MNT CTAF 118.3, callsign "Unmanned-HAL".

All RPAS requests and enquiries are to be sent to 452sqnamb.rpas@defence.gov.au with at least 10 business days PN. OPS are subject to MIL OPS and may be restricted or cancelled at any time.

11. In the event of an EMERG, ACFT OPR at AMB during CTAF periods are to declare the EMERG on the area RIS FREQ. Additionally when WI 10 NM of AMB, MIL ACFT are to advise details to RFFS watch attendant callsign "Base Fire", on FREQ 118.3.
12. When declaring a PAN outside of promulgated Medical hours, pilots of aircraft which are not scheduled high performance ejection seat aircraft are to specify whether medical services are required.

**CTAF - AFRU 118.3**

Outside TWR HR.

## NOISE ABATEMENT PROCEDURES

The FLW restrictions apply WI the Amberley CTR:

- a. High Speed Low Level FLT. No AD attacks or high speed (>350KIAS), low level FLT BLW 1,500FT AGL WI 10NM YAMB without prior approval FM SADFO Amberley or OC 82WG. ACFT are not to overfly the base built-up area BLW 1,500FT AGL at high speed.
- b. Pilots are to avoid overflying Ipswich Hospital (055/2.4).

## ADDITIONAL INFORMATION

1. Bird and Animal hazard exists on AD H24.
2. Fruit Bat hazard may exist in circuit area. Main ACT period one hour after last light.
3. D645. Military fast jet ACFT may operate VFR for transit BTN R625, M641/R638 and R639. ACFT shall monitor BN CEN FREQ.
4. MIL Radar OPR at PSN BRG 280DEG/2NM FM ARP. Possible avionics interruptions and errors WI 150M of radar site BLW 500FT AMSL.
5. SER vehicles may be OPR on AD.
6. Due to terrain shielding and possible communications limitations, taxiing ACFT and/or ground vehicles at one end of the airfield cannot see or hear ACFT and/or ground vehicles at the other end of the airfield.
7. Fire Section will conduct strip clearances outside ATS HR upon request. CTC "Base Fire" on TWR FREQ 118.3 or Phone 07 5361 2533. Note: Real time emergencies have priority over strip clearances.
8. Caution: Military aircraft operate at high speed, conduct non-standard circuits, and may be difficult to sight. Therefore non-participating pilots should remain clear of military aerodromes by at least 5NM or overfly not below 2,500FT when the tower is inactive.

## CHARTS RELATED TO THE AERODROME

1. WAC 3340.
2. MIL Aerodrome Obstruction Chart Type A RWY 15/33: June 2016.  
MIL Aerodrome Obstruction Chart Type A RWY 04/22: June 2016.
3. Also refer to AIP Departure and Approach Procedures.