

**AMBERLEY****ELEV 91****AVFAX CODE 4018**

QLD

UTC +10

YAMB

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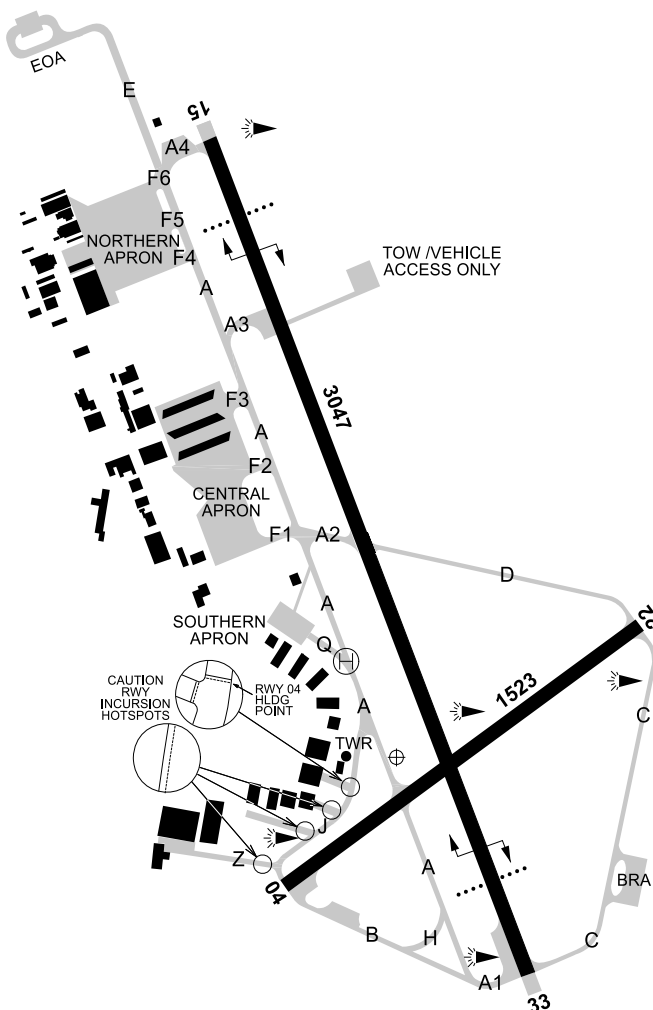
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MIL

AD OPR RAAF, Air Base Command Post, RAAF Base Amberley, QLD, 4306. EMAIL

AMB.ABCP@defence.gov.au. PH 07 5361 2888.

**REMARKS**

1. Aerodrome Operating Hours 2200-1300 MON-THU, 2200-0430 FRI. FACs may be unmanned outside aerodrome hours.
2. ATS hours notified by NOTAM (AVFAX code AMX or 0940). Outside ATS hours CTAF procedures apply. ATS may be ACT at short notice, check AMB ATIS for status.
3. Amberley training areas may be active during ATS hours. AVFAX Code AEX - 0939, AWX - 0940, EVX - 0943.

4. AD not open for public use. CIV OPS requesting air, landing and/or ground operations AMB require 48 HR prior notification to Amberley Air Base Command Post (ABCP) by written request via email amb.abcp@defence.gov.au. Note comments in "FLIGHT PROCEDURES".
5. MED available 2130-0630 MON-THU, 2130-0430 FRI. OT available only for scheduled high performance ejection seat aircraft.
6. Visiting MIL ACFT planning to conduct instrument approach procedures or circuit training at YAMB required to obtain prior approval to allow coordination with local operations. Phone ABCP 07 5361 2888, 0438 717 829. Written requests may be required.
7. Customs, Health and Immigration - 24 HR PN.
8. 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 RFF watch attendant call sign "Base Fire", on FREQ 118.3.
9. MIL Radar OPR at PSN BRG 280DEG/2NM FM ARP. Possible avionics interruptions and errors WI 150M of radar site BLW 500FT AMSL.

## HANDLING SERVICES AND FACILITIES

F34, 0135, 0148, 0156, H515, WTA (24 HR PN), PRESAIR, HPOX, LHOX, LOX (24 HR 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 MON-THU, 2130-0230 FRI, OT PN.  
Air Base Command Post (ABCP) phone 07 5361 2888, 0438 717 829 or thru AMB Switch 07 5361 1111.

## General

AMS (MIL) AVBL on 361.6 or THRU ABCP 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. ABCP Duty contact only applies.

## RESCUE AND FIREFIGHTING SERVICES

1. CAT 6 2030-1230, CAT 4 OT. Higher ARFF CAT AVBL with 72HR PN through AMB ABCP. Note comments in "CTAF-AFRU".
2. ARFFS vehicles carry water and foam but no significant quantities of complementary agent as recommended by ICAO.

## APRONS AND TAXIWAYS

1. Central Apron  
PCN 42/F/C/1750 (254PSI)/T KC-30A.
2. TWY A & E: WID 23M. TWY B, C, D, H, J, Q & Z: WID 15M.
3. TWY J restricted to 36M MAX wingspan.
4. TWY F4, F5, F6 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 1,420 KPA (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. CAUTION: Security fencelines BTN TWY F2 and TWY F3 and BTN TWY F3 and TWY F4 infringe on clearance area for CAT E ACFT taxiing on TWY A.
7. 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.
8. HEL OPR in the Southern APN will GND Taxi utilising minimal PWR to reduce rotor wash.

## SURFACE MOVEMENT GUIDANCE

1. Illuminated TACAN marker boards RWY 15/33.
2. TAX guidance markings FM invert 2 to the Central Apron, PRKG modified for C17.

## AERODROME OBSTACLES

OBSTR Mast (LIT) HGT 1,457FT AMSL, PSN S27 30.1 E152 35.5, BRG 310/10.5NM FM ARP.

## METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, TTF AVBL during MO HRS, AD WRNG, WS WRNG.
2. AWIS PH 07 5361 3581 - Report faults to 07 5361 2888.
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 3229 1854.

**PHYSICAL CHARACTERISTICS**

- 04/22 043 50a/b PCN 47 /F /C /1750 (254PSI) /T C5A WID 45 RWS 230  
 15/33 148 100a/b PCN 73 /F /C /1750 (254PSI) /T Grooved C5A WID 45 RWS 230  
 CWY RWY 15 549(1,800), CWY RWY 33 640(2,100)  
 RWY 15 BAK 14(R) (B)(2) ----- BAK 14(R)(B)(2) RWY 33  
 464(1,521) 464(1,521)
- ORPs W side of THR RWY 15/33. Asphalt area of Central Apron TP 210 GW 220. Helicopter activity on all grass areas. Illuminated DTRM all RWY.
  - Recessed bi-directional BAK 12/14 Hookcables INSTL 464M (1521FT) FM THR RWY 15/33 marked by dayglo 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 - during CTAF recommend that ACFT BLW 5,700KG MTOW confine OPS to BTN cables. CONC absorber housing 30CM high ADJ RWY edge.
  - 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.
  - Cracking and spalling of the concrete SFC RWY 15 exists BTN the 8000FT and 7000FT to run markers. Aircrew are advised to exercise judicious use of reverse thrust in this area of the RWY.

**AERODROME AND APPROACH LIGHTING**

- |           |               |                |             |               |
|-----------|---------------|----------------|-------------|---------------|
| RWY 04/22 | MIRL          | PAL+AFRU 118.3 |             | SDBY PWR AVBL |
| RWY 04/22 | PTBL(1)       |                |             |               |
| RWY 15/33 | HIRL(3)       | PAL+AFRU 118.3 |             | SDBY PWR AVBL |
| RWY 15/33 | PTBL(1)       |                |             |               |
| RWY 15    | HIAL-CAT I(5) | PAL+AFRU 118.3 |             | SDBY PWR AVBL |
| RWY 15    | PAPI(2)       | PAL+AFRU 118.3 | 3.0 DEG57FT | SDBY PWR AVBL |
| RWY 33    | PAPI(4)       | PAL+AFRU 118.3 | 3.0 DEG57FT | SDBY PWR AVBL |
- Electric (15 MIN SDBY). POSS loss of VIS CTC when abeam or circling for either RWY.
  - Design ACFT A330. RWY 15 Aligned with ILS GP.
  - POSS loss of VIS CTC when abeam or circling due equipment.
  - Design ACFT A330.
  - SFL
  - PAL+AFRU requires three one-second pulses to activate. (See INTRO para 23.5)
  - Fixed LGT settings outside TWR HR. See CTAF - AFRU entry.
  - PAL+AFRU AVBL outside TWR HR. See CTAF - AFRU entry.  
 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.
  - HIRL/HIAL fixed INTST settings may RQ increased IAL LDG VIS minima REF AIP ENR1.5 SECT 5.4 and 8.

**OTHER LIGHTING**

TWY LGT: Green CL. Blue edge on TWY J. TWY B, H & Q unlit.

**ATS COMMUNICATIONS FACILITIES**

FIA	BRISBANE CENTRE	125.7
FIA	BRISBANE CENTRE	121.2 (7)
TWR	AMBERLEY TOWER	118.3 243.0 (2) 264.6 359 (3)
APP	AMBERLEY APPROACH	126.2 (1) 243.0 (2) 335.8 359.0 (3)
SMCV	AMBERLEY GROUND	121.925
ACD	AMBERLEY DELIVERY	134.6 (5)
SMC	AMBERLEY GROUND	129.35
ATIS	AMBERLEY ATIS	316.2 (4) 359
ACC	AMBERLEY CENTRE	234.55 (6) 125.25 (6)

- (1) Mandatory for transit through AMB CTR and Restricted Areas.
- (2) EMERG FREQ
- (3) Voice AVBL to ACFT with COM failure.
- (4) ATIS BCST on 316.2 MHZ only when CTR ACT. AWIS OT. AWIS AVBL Phone 07 5361 3581.
- (5) 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.
- (6) For Military aircraft use within AMB training areas and corridors. Not subject to continuous ATS monitoring.
- (7) 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 and 2230. 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.

## RADIO NAVIGATION AND LANDING AIDS

NDB	AMB	359	S 27 38.9	E 152 43.4	Range 180 (HN 85)	(1)
TAC	AMB	114.7/ 94X	S 27 38.5	E 152 43.0		(2)
ILS	IAM	110.7 (RWY15)	S 27 39.0	E 152 43.1		(4)
LOC	IAM	110.7 (RWY15)	S 27 39.0	E 152 43.1		(3)
GP	IAM	330.2 (RWY15)	S 27 37.5	E 152 42.5		
OM	IAM	75 (RWY15)	S 27 32.4	E 152 40.1		
MM	IAM	75 (RWY15)	S 27 36.8	E 152 42.1		
(1)	297/0.79 to ARP - Voice AVBL to ACFT with COM failure.					
(2)	272/0.23 to ARP.					
(3)	LOC guidance not to be used outside 20 degrees either side of centreline.					
(4)	ILS Critical Area not protected outside TWR HR.					

All NAVAIDS Pilot monitored outside TWR HR.

## LOCAL TRAFFIC REGULATIONS

1. All ACFT 136,000KG MTOW or more may only perform 180DEG turns on the thresholds of RWY 15/33 and RWY 04/22.
2. To preserve RWY grooving, ACFT with MTOW of 25,000KG or more RQ 180DEG turns on RWY must execute on CONC THR except for F18 when required for operational reasons. ACFT REQ to use MAX radius turns.
3. All ACFT must provide their parked APN/PSN to ATC on initial taxi REQ.
4. 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.

## FLIGHT PROCEDURES

### 1. GENERAL: Amberley Airspace

Amberley airspace is commonly operated in two different modes defined as follows:

- a. Little Amberley - CTR (SFC-A085), R625A (A015-A085) and R625B (A025-A085).
- b. Big Amberley - CTR (SFC-A085), R625A (A015-A085), R625B (A025-A085), R625C (A045-A085) and R625D (A085-FL210).

CTR and R625 NOTAMs can be found in NAIPS using the AMX code.

### 2. ARRIVING ACFT:

- a. When ACFT parked in RWY 33 ORP, LDG heavy category ACFT to use TEMPO unmarked DISP THR of 464M(1521FT), in line with STH 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.

### 3. 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 CAR 153.
- 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) ABCP will notify availability provided request is received at least 48 HR prior via email to: amb.abcp@defence.gov.au. Requests are to include: a. Call sign; b. ACFT Type; c. Time Requested; d. Contact Details.
  - (iv) Separate arrangements for airline, EMERG services, and CIV ACFT on MIL related tasks are AVBL.

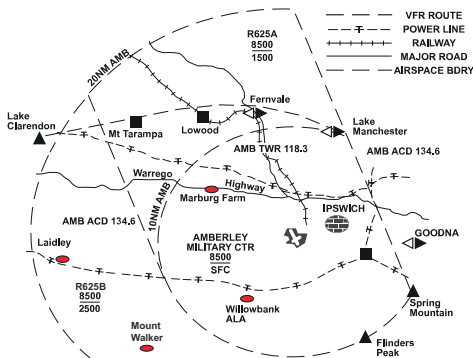
### 4. Special provisions for CIV ACFT on NAT in AMB CTR:

- 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.

### 5. 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.



**6. 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 to 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
- d. Jet and large turbo-prop - 1,500FT AMSL
- e. Light aircraft and HEL - 1,000FT AMSL

**7. 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.
- 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.

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.

**8. NVG OPERATIONS**

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

**9. 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, 0438 173 642.

**10. 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 ABCP (amb.abcp@defence.gov.au) with 24HR PN to avoid airborne delays or unavailability.

**11. UNMANNED AIRCRAFT SYSTEMS (UAS)**

The FLW permanent UAS areas exist:

- a. Model ACFT OPR FM PSN S27 37.6 E152 40.2 (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 10KG) unmanned aerial vehicles (UAV) 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 S27 29.7 E152 36.00 to S23 33.7 E152 35.6 and the mountain range E of Minden and Lowood. During ATS HRS notified on ATIS and outside TWR HR UAV controller MNT CTAF 188.3, call sign "Unmanned-HAL".

All UAS OPS within the Amberley CTR or restricted airspace RQ written APVL. All UAS requests or enquiries shall be directed to UAS Liaison Officer (452SQNAMB.UAS@defence.gov.au) with at least 10 business days PN. All UAS OPS are subject to MIL OPS and may be restricted or cancelled at any time.

**CTAF - AFRU 118.3**

1. Outside TWR HR.
2. 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. 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.
3. CTR and R625 may be ACT at any time with little notice. CK NOTAM and ATIS.
4. SER vehicles may be OPR on AD.
5. 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.
6. RFF MNT Amberley TWR FREQ 118.3 outside TWR HR. Aircrew OPR FR Amberley AH are to notify Fire Section on Phone 07 5361 2533 and ADZ AMD EOBT/ETA. Airborne ACFT must CTC "Base Fire" on TWR FREQ 118.3 to ADZ AMD ETA 20MIN BFR ARR.
7. 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.
8. 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.
9. ILS Critical Area not protected outside TWR HR.
10. PAL activates AD LGT for 30 MIN. See INTRO para 23.5d for activation sequence. For manual activation of AD LGT in event of PAL failure, CTC CS "Base Fire" FREQ 118.3MHz and REQ "PAL OVERRIDE".
11. AWIS AVBL on 316.2MHz or Phone 07 5361 3581.
12. Due BAK 14 cables on RWY 15/33 recommend OPR be confined BTN cables effective OPR LEN 2,119M(6,953FT).
13. 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.

**NOISE ABATEMENT PROCEDURES**

The FLW restrictions apply WI the Amberley CTR:

1. High Speed Low Level FLT. No AD attacks or high speed (>350KIAS), low level FLT BLW 1,500FT AGL WI 10NM YAMB without prior APV FM SADFO Amberley or OC 82WG IAW AMB SI (OPS) 03-02. ACFT are not to overfly the base built-up area BLW 1,500FT AGL at high speed.
2. 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 CCT area. Main ACT period one hour after last light.
3. D645. Military fast jet ACFT may operate VFR for transit BTN R625, R638 and R639. ACFT shall monitor BN CEN FREQ.

**CHARTS RELATED TO THE AERODROME**

1. WAC 3340.
  2. MIL Aerodrome Obstruction Chart Type A RWY 15/33: August 2009.
  3. MIL Aerodrome Obstruction Chart Type A RWY 04/22: August 2009.
- Also refer to AIP Departure & Approach Procedures.