

**BRISBANE/Archerfield****ELEV 65****AVFAX CODE 4002**

QLD

UTC +10

YBAF

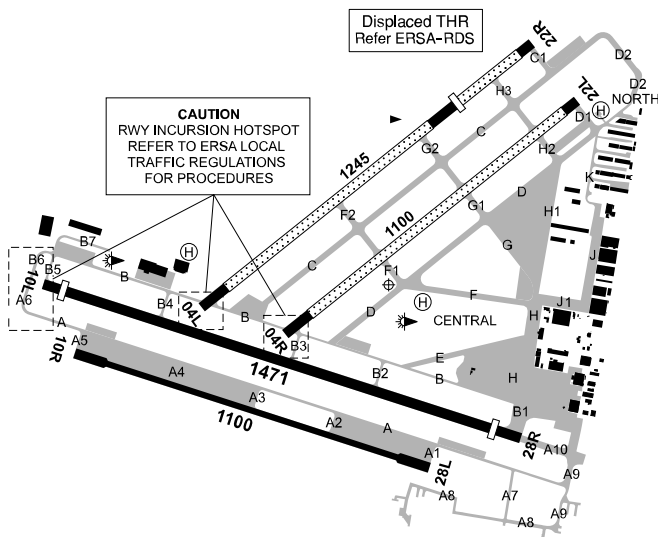
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CERT

AD OPR Archerfield Airport Corporation, PO Box 747, Archerfield, QLD, 4108. EMAIL aac@archerfieldairport.com.au. PH 07 3275 8000. ARO 07 3275 8012 or 0414 233 901 or 0414 233 903, Security 0432 462 210 (1900-0500 Local). FAX 3275 8001. Website www.archerfieldairport.com.au.

**REMARKS****AVAILABILITY**

1. RESTRICTION: AD not AVBL to ACFT ABV 5,700KG MTOW.
2. OPR restriction - RWY 10R/28L, RWY 04L/22R and RWY 04R/22L not AVBL to ACFT ABV 5,700KG MTOW. ACFT exceeding limit on any RWY, must apply for a concession FM the AD OPR 24HR before OPS.
3. AD Charges apply in accordance with schedule of aircraft charges.
4. ANTICIPATED AIRBORNE TRAFFIC DELAYS FOR ARR ACFT: IFR ACFT proceeding to YBAF via Brisbane Class C airspace may experience delays due terminal area traffic density. VFR ACFT ARR after last light may also EXP delays. The anticipated airborne traffic delays applicable to these ACFT is 20MIN 0700-1000 MON-FRI and 0700-1000 SUN unless the ACFT is a declared MEDIVAC, SAR, FFR or other priority FLT.
5. This AD is a Security Controlled Airport.
6. PPR Non VH Registered ACFT.
7. Conditions of airport access and use. Details for note 3 and 7 AVBL from Airport Management or website www.archerfieldairport.com.au.

**OPERATIONAL HOURS**

TWR HR: D 2100-0700 UTC. Phone 07 3275 8230^.

Note: For urgent OPR matters phone ARO 07 3275 8012 or 0414 233 901 or 0414 233 903.

**ATS AIRSPACE**

AF TWR provides ATS within Class D airspace SFC to 1,500FT during TWR HRS.

Outside TWR HRS airspace becomes Class G. CTAF procedures apply.

## HANDLING SERVICES AND FACILITIES

- BP - Archerfield Airfuels: D 2000-0800. Phone 07 3272 7775, 0412 140 739, VHF 122.15. AVGAS, JET A1. H24 AVGAS Cardswipe Bowser - AIR BP Carnet card only.  
MOBIL - Archerfield Refuelling Services: D 2000-0800, AH by arrangement. Phone (07) 3277 1298, VHF 128.95 MHz. AVGAS & JET A1 mobile refueller, AVGAS 24HR bowser.  
SHELL: Archerfield Refuelling Services 2000-0800 AH call-out fee will apply. Phone 07 3277 3030, Fax 07 3277 8940, Mobile 0408 787 689. VHF 128.95. JET A1. H24 Card Swipe Bowser AVGAS. Shell Fuel and Fly Card, Shell Global Carnet Card and Credit Cards (VISA and MC).
- Ground Handling and FBO services contact Archerfield Jet Base. Phone 0402 797 071 or 0412 599 342 H24 with 2HR PN.

## APRONS AND TAXIWAYS

- TWY A10, 140(459) FM E end RWY 28R, WID 18. Turning node NOT AVBL at E end TWY A 10.
- Structures WI TWY strips D, H, and K infringe TWY strip by 5M MAX and TWY strip A7 by 8.5M.
- TWY J limited to Class A ACFT with wingspan less than 18M.

## AERODROME OBSTACLES

- OBST lit (chimney) 230FT AMSL BRG 256MAG 4100M FM ARP.
- OBST (trees) 285FT AMSL BRG 089MAG 4300M FM ARP infringes horizontal SFC by 74FT.
- OBST IWI (secondary) 68FT AMSL BRG 262MAG 900M FM ARP infringes RWY 10L/28R transitional SFC by 7FT.
- Four light towers, 612FT AMSL, located 4200M along and 2200M R of extended RCL RWY 04R. Flashing W strobe on top of N tower (QSAC Stadium).
- Security fence parallel to RWY 04L/22R and N of western hanger complex, 8FT AGL.

## METEOROLOGICAL INFORMATION PROVIDED

- TAF CAT B, METAR/SPECI, AD WRNG.
- AWIS PH 07 3239 8720 - Report faults to ARO.

## PHYSICAL CHARACTERISTICS

04L/22R	041	41c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
04R/22L	041	36c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
10L/28R	097	48a	PCN 6 /F /C /1000 (145PSI) /T Central 30M sealed	WID 30	RWS 90
10R/28L	096	36c	Unrated. Central 18(60) sealed	WID 30	RWS 90

Caution: Reduced centreline spacing RWYs 10/28, 167M.

## AERODROME AND APPROACH LIGHTING

RWY 10L/28R MIRL(1) PAL+AFRU 118.1 SDBY PWR AVBL  
(1) PAL + AFRU requires three one-second pulses to activate (See INTRO 23.5). AVBL AH.  
RWY edge light spacing: 10L/28R: 90M.

## OTHER LIGHTING

ABN ALTN 6 W

- Secondary PWR switchover time: 15 SEC.
- TWY LGT: Green CL on B, B1, B2, B4, B5 and E (B2 and B4 are uni directional for exiting RWY).

## ATS COMMUNICATIONS FACILITIES

FIA	BRISBANE CENTRE	125.7	On ground outside TWR HR
SMC	ARCHER GROUND	119.9	
TWR	ARCHER TOWER	118.1	123.6
ATIS	ARCHERFIELD ATIS (1)	120.9	
(1)	Also AVBL on Phone 07 3275 8201.		

## LOCAL TRAFFIC REGULATIONS

### 1. GROUND OPERATIONS

- a. For ACFT TAXI for RWY 22R, a clearance to cross RWY 22L via TWY F1, G1 or H1 not AVBL. ACFT must TAX via alternative route.
- b. Tail-skid equipped ACFT using RWY 10R/28L are to limit OPS to Southern 6M of strip abutting sealed central 18M for TKOF/LDG.
- c. East section of TWY B6 BTN W IW1 and TWY B not AVBL.
- d. Pilots are advised to minimise engine running adjacent to terminal parking.
- e. TWY A10 not AVBL for DEP RWY 28R.
- f. TWY A10 may be used to exit RWY 10L (ATC approval REQ during TWR HRS).
- g. ACFT to taxi only via sealed TWY or natural SFC TWY marked by yellow cones.
- h. Non-radio equipped vehicles OPR on TWY A.
- i. Structures within TWY strips Delta, Hotel and Juliet infringe strip by 5M MAX.
- j. All RWYs are active at all times and during ATC HR require a clearance to enter, cross, taxi or backtrack, except as follows:
  - (i) ACFT vacating RWY 10L/28R via TWY B3 are inside RWY 04R/22L and should taxi clear of RWY 04R/22L as soon as practicable. Once clear, an ATC clearance is required to cross all other RWYs.
- k. TWY B5 not AVBL HN for ACFT vacating RWY 28.

### 2. PREFERRED RUNWAYS

RWY 10/28 is the preferred runway up to a crosswind maximum of 10KT. When a RWY is out of service the transfer from parallel to single runway operations will occur when the mean crosswind is greater than 12KT.

### 3. PARKING - FIXED WING

The following parking restrictions apply:

- a. Time limit - adjacent terminal MAX 60 MIN.
- b. Reserved tie down areas - PPR individual licensee. Pilots are advised that tie downs do not conform with CAO 20.9, Para 5.1.4. ACFT must not taxi into tie down positions under power.
- c. Turbine parking - designated area adjacent terminal.
- d. Visitor parking - designated apron area (on the grass) to west of terminal building.
- e. To arrange alternative parking contact AD ARO.

## FLIGHT PROCEDURES

### 1. IFR OPERATIONS IN VMC

Pilots electing to commence or terminate an IFR flight under the VFR should communicate such intention at the earliest possible time to ensure their arrival or departure is processed efficiently.

### 2. LOW VISIBILITY OPERATIONS

Low visibility operations NOT AVBL. RWY light spacing greater than 60M.

### 3. CIRCUIT PROCEDURES

3.1 Circuit ALT: 1,000FT (QNH).

3.2 Single engine ACFT require prior ATC approval to conduct simulated engine failure on takeoff. Recovery must be initiated prior to departure end of the RWY.

3.3 Simulated asymmetric operations not permitted RWYs 04.

3.4 Practice landing with feathered propeller only available with ATC approval (ATC response required "feathered landing acknowledged").

3.5 Low level circuits not permitted on RWY 04/22.

3.6 Circuit Directions during TWR HR, unless otherwise instructed by ATC.

- (i) RWY 04R HJ - right: HN - not AVBL.
- (ii) RWY 04L HJ - left: HN - not AVBL.
- (iii) RWY 22R HJ - right: HN - not AVBL.
- (iv) RWY 22L HJ - left: HN - not AVBL.
- (v) RWY 10R HJ - right: HN - not AVBL.
- (vi) RWY 10L - left.
- (vii) RWY 28R - right.
- (viii) RWY 28L HJ - left: HN - not AVBL.

3.7 CAUTION: HEL OPR within HEL circuit training areas (when active).

#### 4. DEPARTURES

4.1 Departure from the Archerfield CTR shall be **1,000FT**.

#### 4.2 Transponder Procedure

- (i) All IFR ACFT and VFR ACFT planning to enter Brisbane CTR/CTA contact Brisbane Centre 125.7 for a code immediately prior to taxi.
- (ii) All other ACFT squawk appropriate non-discrete code.
- (iii) VFR ACFT planning to transit AMB CTR will receive a discrete transponder code on first CTC with Amberley ACD 134.6.

#### 4.3 Tracking Requirements

- (i) For a planned DEP track BTN 310 and 019 DEG MAG: - Depart via "Northern DEP" - track via Walter Taylor (Indooroopilly) Bridge;
- (ii) For a planned DEP track BTN 020 and 099 DEG MAG: - Depart via "Eastern DEP" - track east to overhead Gateway Motorway/Pacific Motorway intersection (088M/ 5.5NM from Archerfield);

*Note: "Eastern DEP" not available when RWY 22 active, except for ACFT requiring clearance into Class C airspace.*

- (iii) For a planned DEP track BTN 100 and 204 DEG MAG: - Depart via "Southern DEP" - track 135 DEG from Archerfield (Departures RWY 28L track 135 from the crosswind leg to facilitate the descent of arrivals joining base from PKR);
- (iv) For a planned DEP track BTN 205 and 309 DEG MAG: - Depart via "Western DEP". All ACFT conducting a "Western DEP" shall DEP the AF CTR on a track BTN 220 DEG and 309 DEG MAG (inclusive). All ACFT must nominate their outbound DEP track with the taxi call;

*Note: When duty Runway 10, aircraft must not track across final leg on DEP.*

- (v) Any other DEP e.g. overhead R633A (Greenbank) or North-West, must be approved by ATC.

#### 4.4 Departure Procedure

By day VFR ACFT (and IFR ACFT conducting a VFR DEP) are to depart via the following procedures:

- a. Advise intended DEP procedure (Northern, Southern, Eastern or Western) on taxi.
- b. With the ready call advise "For departure (direction)".
- c. A takeoff clearance constitutes a clearance to operate within AF CTR or depart in accordance with intentions notified with ready call.
- d. IFR ACFT conducting a VFR DEP will receive a directed FREQ transfer from AF TWR.

#### 4.5 Departures for entry into Brisbane CTR

Fixed wing ACFT: Unless otherwise advised by ATC, depart via "Northern DEP", remain in Class G airspace to the west of the BN CTR. Contact Brisbane Centre 125.7 ABM TV towers for airways clearance.

#### 4.6 Departures for transit of Amberley restricted airspace

- a. After vacating Archerfield CTR remain in Class G airspace.
- b. Contact AMB ACD 134.6 with request for transponder code and airways clearance.
- c. If clearance is not immediately AVBL consider tracking via LMC VFR route or east of SPMT to remain in Class G airspace (refer to Amberley procedures for further information).

#### 5. ARRIVALS

5.1 Entry into the Archerfield CTR shall be at **1,500FT**.

- (i) ARR VFR ACFT should track via and report at TVT, GON, PKR or TAR. AF TWR FREQ will be nominated on the ATIS.
- (ii) ACFT ARR FM TVT must also REP CENTENARY BRIDGE for ATC entry instructions.
- (iii) ACFT ARR FM PKR must also REP crossing the LOGAN MOTORWAY for ATC entry instructions.

*Note 1: Caution R633A (0-2,000FT AMSL - ARMY LIVE FIRING) immediately W of interstate railway line.*

*Note 2: GON and TAR reporting points are south of extended centre-lines RWY 10/28.*

#### 6. TRANSIT

- a. Advise ATC at VFR approach point "TRANSIT DETAILS" (with requested tracking and level).
- b. Comply with arrivals procedures unless instructed otherwise by ATC.
- c. CTR transit will be subject to ATC clearance and possible delays.

**7. INSTRUMENT APPROACHES**

Instrument approaches for training purposes subject to delay and approval due Brisbane and Archerfield TFC.

**8. HELICOPTER OPERATIONS****8.1 Local Procedures**

- a. Taxi call required for all helicopter operations on 119.9 during TWR hours.
- b. HEL must not start-up and/or taxi on N TWY fingers off TWY K. HEL to be wheeled to/ FM HLS-N for DEP/ARR.
- c. All HEL trolleys/fuel trailers are to be parked clear of TWY.
- d. QGAir HLS not AVBL to non QGAir HEL.
- e. HEL are not permitted to ground run on HLS or HEL parking areas. Sealed pad TANGO at intersection of TWY B and E AVBL for ground running.

**8.2 Helicopter Parking**

- a. Itinerant helicopter parking - delineated by blue cone markers on apron area to east of the central helipad.

**8.3 Circuit Operations.**

For OPR within HEL training areas, unless otherwise specified below:

- (i) CCT direction and FREQ as per ATIS.
- (ii) ATC will not positively control HEL CCT TKOFs and LDGs, or provide sequencing instructions.
- (iii) Initial TFC INFO only will be provided on other HEL conducting CCTS.
- (iv) Approved for CCTS and hovering only, other OPRs will require ATC approval.
- (v) ATC approval required to enter or OPR on Northern or Central HLS during TWR HR.
- (vi) Possibility of unnotified MAE operating on TWYs, Manoeuvring Area and Apron. With ATC approval and maintaining continuous radio watch, HEL CCTS are permitted in the following areas:
  - a. **"AREA A"**: N of TWY B WI the confines of the AD up to 500FT, clear of buildings, CCT Direction & FREQ as per ATIS.
  - b. **"AREA B"**: N & W of RWY 04L WI the confines of the AD up to 500FT, clear of buildings, CCT Direction & FREQ as per ATIS.
  - c. **"AREA C"**: S & E of TWY D, inside the fixed wing CCT for RWY 04R/22L, not ABV 800FT.
    - (i) A continuous lookout for fixed wing traffic must be maintained.
    - (ii) Once established, the only COMS are 'AIRBORNE' call before each CCT and 'DOWNWIND' call.
    - (iii) Remain E of control tower at all times.
    - (iv) A MAX of 2 HEL are permitted to operate CCT concurrently.

**8.4 HEL Departures**

- a. DEP shall be parallel to and clear of the duty RWY. A departure on track or into wind is to be specifically requested and/or approved.
- b. Comply with fixed wing departure and transponder procedures, except;  
Departure for intended entry into Brisbane CTR.
  - (i) On taxi advise "UNI DEPARTURE"
  - (ii) Unless otherwise advised by ATC, depart the AF CTR via St. Lucia University (remain in Class G airspace) and contact Brisbane Centre 125.7 at St. Lucia University for clearance.

**8.5 HEL Arrivals**

- a. Unless otherwise approved by ATC comply with fixed wing arrival procedures.
- b. HEL may be instructed to overfly runway complex not below 500FT for a short circuit to designated HLS.

**9. COMMUNICATION FAILURE****During Tower Hours**

- a. Carry out general Communication Failure procedures in EMERG.
- b. TR via the appropriate inbound reporting point.
- c. Enter AF CTR at 1,500FT and proceed to overhead the aerodrome at that altitude.
- d. Ascertain runway/s in use. For RWY 10/28, join the southern circuit for landing RWY 10R or 28L. For RWY 04/22, join the eastern circuit for landing RWY 04R or 22L.
- e. When ready, descend to circuit altitude remaining clear of the other circuit.
- f. Maintain separation from other aircraft.
- g. Proceed with normal circuit and landing.
- h. Watch for light signals from the TWR.

**CTAF - AFRU 118.1****Outside TWR HR**

1. All CCT Direction: Left Hand.
- 1.1 RWY AVBL:  
RWY 04R/22L HJ Only  
RWY 10L/28R H24
- 1.2 RWY NOT AVBL:  
RWY 04L/22R and RWY 10R/28L.
2. Outside TWR HR, pilots requiring airways clearance on departure are to CTC BN CENTRE 125.7 PRI or Phone 07 3866 3694^ SEC, immediately prior to engine start for an expect CLR time and discrete transponder code. (Note: In VMC by day, see Flight Procedures - Departures - for recommended VMC Departure procedure).

**NOISE ABATEMENT PROCEDURES**

1. Outside TWR HR when operational conditions permit, RWY 28 must be used for TKOF.
2. Low level HEL training is not permitted outside TWR HR.

**ADDITIONAL INFORMATION**

1. Possibility of flying foxes and birds on and in the vicinity of AD and on the W boundary (approach RWY10).
2. Western WDI illuminated; however, it does not indicate status of PAL cycle. Only central IWI indicates status of PAL cycle.
3. Ground signal circle located ADJ central WDI, OPR outside TWR HR only.

**CHARTS RELATED TO THE AERODROME**

1. WAC 3340.
  2. Also refer to AIP Departure & Approach Procedures.
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