

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

QLD

UTC +10

YBAF

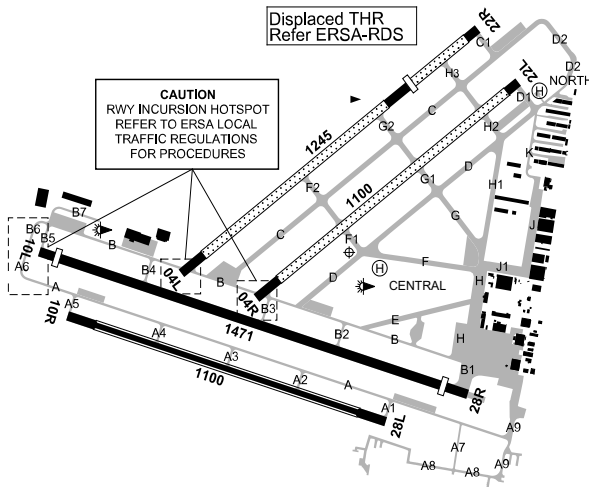
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AD OPR Archerfield Airport Corporation, PO Box 747, Archerfield, QLD, 4108. Email: aac@archerfieldairport.com.au. PH 07 3275 8000. Security 0432 462 210 (1900-0500 Local). Fax 07 3275 8001. Website: www.archerfieldairport.com.au.

**REMARKS**

1. AD charges: contact AD or see website for schedule of ACFT charges.
2. Pavement concession required for ACFT ABV 5,700KG MTOW, form AVBL from AD OPR or website.
3. Fly Neighbourly procedures apply to HEL and fixed wing, AVBL from AD OPR or website.
4. ESTIMATED AIRBORNE TRAFFIC DELAYS FOR ARR ACFT: IFR ACFT proceeding to YBAF via Brisbane Class C airspace and VFR ACFT ARR after last light may expect delays due to terminal area traffic density:
2100-1100 UTC DLY: 20MIN.
Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NCC.
5. ANTICIPATED TRAFFIC DELAYS FOR DEP ACFT: IFR ACFT departing YBAF directly into Brisbane Class C airspace may EXP delays due terminal area traffic density. VFR ACFT DEP after last light may also EXP delays. The anticipated delay for these aircraft is up to 20MIN FM 2100-1100 UTC DLY unless the ACFT is a declared MEDEVAC, SAR, FFR or other priority FLT.
6. This AD is a Security Controlled Airport.
7. PPR Non VH Registered and RAAus ACFT.
8. Conditions of airport access and use. Details AVBL from Airport Management or website www.archerfieldairport.com.au.
9. **OPERATIONAL HOURS**
 - a. TWR HR: 2100-0700 UTC DLY. Phone 07 3275 8230^.
Note: For urgent OPR matters CTC Operations and Technical Officer 0414 233 903. Office hours 07 3275 8000.
10. **ATS AIRSPACE**
 - a. AF TWR provides ATS within Class D airspace SFC to 1,500FT during TWR HRS.
 - b. Outside TWR HRS airspace becomes Class G. CTAF procedures apply.

HANDLING SERVICES AND FACILITIES

AvFuel Services: DLY 2000-0800 UTC. AH call-out fee will apply. PH 0420 634 093.

JET A1 and AVGAS.

VIVA Energy, AIR BP and AvFuel Services, H24 card swipe bowser JET A1 and AVGAS.

EFTPOS and credit card (V and MC).

Ground Handling and FBO services contact Archerfield Jet Base H24 with 2HR PN.

Email info@archerfieldjetbase.com.au or Phone 0402 797 071 or 1300 359 552.

Eagle Aircraft Maintenance: Hangar 1, Qantas Ave, Archerfield Airport, QLD 4108.

Phone 07 3270 2450.

PASSENGER FACILITIES

- Terminal lounge and amenities.
- PT/HC Avis 07 3713 1855, Fax 07 3277 5927; ATS 07 5563 2448; Yellow Cabs 131 924; Black & White Cabs 133 222.

APRONS AND TAXIWAYS

- Ditchman APN limited to ACFT with wingspan less than 18M.
- Structures WI TWY strips D2, H1 and K infringe TWY strip by 5M MAX.
- TWY J and K limited to ACFT with wingspan less than 18M.

AERODROME OBSTACLES

- Lit (chimney) 230FT AMSL BRG 256MAG 4100M FM ARP.
- Trees 285FT AMSL BRG 089MAG 4300M FM ARP. Infringes HZS by 74FT.
- IWI (secondary) 68FT AMSL BRG 262MAG 900M FM ARP.
Infringes RWY 10L/28R TNS by 7FT.
- Lit (Telco TWR) 295FT AMSL BRG 101MAG 4,650M FM ARP. Infringes inner conical SFC by 72FT.
- Lit (Telco TWR) 238FT AMSL BRG 267MAG 4,695M FM ARP. Infringes inner HZS by 46FT.
- 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 hangar complex, 8FT AGL.

METEOROLOGICAL INFORMATION PROVIDED

- TAF CAT B, METAR/SPECI, AD WRNG.
- AWIS Phone 07 3564 3701 - Report faults to BoM.
- AWIS FREQ 128.4 - (requires ONE second pulse to activate) Report faults to AD OPR.

PHYSICAL CHARACTERISTICS

04L/22R	041	41c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
04R/22L	040	36c	Unrated. Natural. Both THR sealed	WID 30	RWS 90
10L/28R	097	48a	PCN 6 /F /C /1000 (145PSI) /T Central 30M sealed. 90M Graded	WID 30	RWS 150
10R/28L	096	36c	Unrated. Central 18(60) sealed	WID 30	RWS 90

Caution: Reduced centre line 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 unidirectional for exiting RWY).

ATS COMMUNICATIONS FACILITIES

FIA	BRISBANE CENTRE	125.7	On ground outside TWR HR
ATIS	ARCHERFIELD ATIS	(1)	120.9
SMC	ARCHER GROUND		119.9
TWR	ARCHER TOWER		118.1 123.6

(1) Also AVBL on Phone 07 3275 8201.

LOCAL TRAFFIC REGULATIONS

1. GROUND OPERATIONS

- a. For ACFT TAX 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 TAX 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, TAX or backtrack, except as follows:
 - (i) ACFT vacating RWY 10L/28R via TWY B3 are inside RWY 04R/22L and should TAX 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.
- l. When grass areas are out of service, sealed RWY 10L or RWY 28R run-up bays should be used for run-ups.

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 AND HELICOPTER

The following parking restrictions apply:

- a. Time limit - adjacent terminal MAX 60 MIN fixed wing only. HEL parking not permitted directly in front of terminal.
- 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 TAX 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.
- f. Aeromedical parking - designated area south of gate 1, parking parallel to fence only.
- g. When grass areas are out of service, parking is AVBL on the unsealed APN, tie-down areas at pilot discretion.
- h. Prior notice is required for ACFT requiring sealed parking.
- i. HEL parking AVBL on designated HEL APN area (on the grass) to the West of the terminal.

FLIGHT PROCEDURES

1. ATC TRAFFIC MANAGEMENT SPEED

When **not** on a SID or STAR (including vectoring) - ACFT ARR or DEP AF via Class C airspace must not exceed 250KT IAS when BLW 10,000FT AMSL. Advise ATC if a higher speed is operationally required.

Note: Pilots must also comply with Class D airspace speed limits. Cancellation of ATC traffic management speeds does not cancel Class D airspace speed limits.

2. 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.

3. LOW VISIBILITY OPERATIONS

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

4. CIRCUIT PROCEDURES

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

4.2 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.

- 4.3 Simulated asymmetric operations not permitted RWYs 04.
- 4.4 Practice landing with feathered propeller only available with ATC approval (ATC response required "feathered landing acknowledged").
- 4.5 Low level CCTS not permitted on RWY 04/22.
- 4.6 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.
- 4.7 CAUTION: HEL OPR within HEL circuit training areas (when active).

5. DEPARTURES

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

5.2 Transponder Procedure

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

5.3 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 TAX call;

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

- (v) Any other DEP e.g. overhead R627 (Greenbank) or North-West, must be approved by ATC.

5.4 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 TAX.
- b. With the ready call advise "For departure (direction)".
- c. A takeoff clearance constitutes a clearance to OPR 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.

5.5 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.

5.6 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).

6. ARRIVALS

- 6.1 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 R627 (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.

7. 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.

8. INSTRUMENT APPROACHES

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

9. HELICOPTER OPERATIONS**9.1 Local Procedures**

- a. TAX call required for all HEL operations on 119.9 during TWR hours.
- b. HEL must not start-up and/or TAX 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.

9.2 Helicopter Parking

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

9.3 Circuit Operations

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

- (i) Circuit direction and FREQ as per ATIS.
- (ii) ATC will not positively control HEL circuit TKOF and LDG, or provide sequencing instructions.
- (iii) Initial TFC INFO only will be provided on other HEL conducting CCTS. Continuous surveillance of HEL cannot be maintained by the TWR. It is the HEL pilots responsibility to sight and remain clear of TAX TFC and Men and Equipment (MAE) on TWY, manoeuvring area and APN. Notification of TAX fixed wing TFC or MAE will not be provided.
- (iv) Approved for CCTS and hovering only, other OPR 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 TWY, Manoeuvring Area and APN.
- (vii) A continuous look out for airborne TFC must be maintained.

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, circuit direction and FREQ as per ATIS. A MAX of 3 HEL are permitted to OPR CCTS concurrently. Additionally, a MAX of 2 HEL are permitted to OPR on training in ground effect only.
- b. **"AREA B"**: N and W of RWY 04L WI the confines of the AD up to 500FT, clear of buildings, circuit direction and FREQ as per ATIS. A MAX of 3 HEL are permitted to OPR CCTS concurrently. Additionally, a MAX of 2 HEL are permitted to OPR on training in ground effect only.

- c. **“AREA C”**: S and E of TWY D, inside the fixed wing circuit for RWY 04R/22L, not ABV 800FT.
 - (i) LDG must be conducted N of TWY B.
 - (ii) Once established, the only COMS are ‘AIRBORNE’ call before each circuit and ‘DOWNWIND’ call.
 - (iii) Remain E of control tower at all times.
 - (iv) A MAX of 2 HEL are permitted to OPR circuit concurrently.
- 9.4 **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 TAX 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.
 - c. Nominate HLS on first contact with the TWR.
- 9.5 **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.
 - c. Nominate HLS on first contact with the TWR.
10. **COMMUNICATION FAILURE**
- a. **During Tower Hours**
 - (i) Carry out general Communication Failure procedures in EMERG.
 - (ii) TR via the appropriate inbound reporting point.
 - (iii) Enter AF CTR at 1,500FT and proceed to overhead the aerodrome at that altitude.
 - (iv) 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.
 - (v) When ready, descend to circuit altitude remaining clear of the other circuit.
 - (vi) Maintain separation from other aircraft.
 - (vii) Proceed with normal circuit and landing.
 - (viii) 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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