

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

QLD

UTC +10

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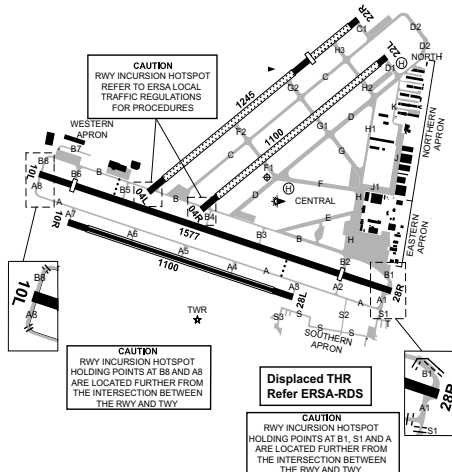
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AD OPR Archerfield Airport Corporation, PO Box 747, Archerfield, QLD, 4108. Email: aac@archerfieldairport.com.au. PH 07 3275 8000 (JO 0830-1630 Local); Operations and Technical Officer 0414 233 903 (AH); Security 0449 866 031 (1900-0500 Local). Website: www.archerfieldairport.com.au.

**REMARKS**

- AD charges: contact AD or see website for schedule of ACFT charges.
- Pavement concession required for ACFT ABV 5,700KG MTOW, form AVBL from AD OPR or website.
- Conditions of airport access and use. Details AVBL from AD OPR or website.
- PPR for non-VH registered ACFT.
- AD is limited to ACFT with a MAX wingspan of 29M. ACFT with a wingspan of 24M or more must contact AD OPR for approval.

HANDLING SERVICES AND FACILITIES

AvFuel Services: DLY 2015-0730 UTC. AH call-out fee will apply. PH 0420 634 093.

JET A1 and AVGAS. Fuel bowser AVBL 24HR. AvFuel Services CARNET, EFTPOS and credit card (MC and V). Cash not accepted.

Ground Handling and FBO services contact:

Archerfield Jet Base Hangar 5 Qantas Ave. Archerfield QLD 4108. H24 with 2HR PN.

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

Eagle Aircraft Maintenance: Hangar 1, Qantas Ave, Archerfield Airport, QLD 4108. 0730-1530 Local DLY. Phone 07 3270 2450 or 0428 027 064.

Flight One: 224 Qantas Ave, Archerfield QLD 4108. 0700-1600 Local DLY with 2HR PN. Email: operations@conrails.aero, PH 1800 359 663.

PASSENGER FACILITIES

- Terminal lounge and amenities.
- Yellow Cabs 131 924 or Black and White Cabs 133 222.

APRONS AND TAXIWAYS

- Northern and southern APN, Code A, grass surface.
- Eastern APN, Code C asphalt, PCN 16/F/D/1500 (218PSI)/T.
- Western APN, Code B concrete.
- TWY H1, J, J1 and K limited to ACFT with wingspan less than 15M. Structures and ACFT parking APN WI TWY strips infringe TWY strip by 5M MAX.

5. TWY A8 graded TWY strip WID of the western side reduced to 7M.
6. TWY A and A1-A8, Code A 7.5M wide bitumen/asphalt sealed.
7. TWY B, B3 and B5 Code B 10.5M wide, bitumen sealed, PCN16/F/D/1500 (218PSI)/T.
8. TWY B1, B2, B6, B8, Code C 15M wide, bitumen/asphalt sealed, PCN 16/F/D/1500 (218PSI)/T.
9. TWY B4 and B7, Code A 7.5M wide, asphalt sealed.
10. TWY C and C1, Code A 7.5M wide, grass surface.
11. TWY D, D1 and D2, Code A 7.5M wide, grass surface.
12. TWY E, Code B 10.5M wide, asphalt sealed.
13. TWY F, F1 and F2, Code A 7.5M wide, grass surface.
14. TWY G, G1 and G2, Code A 7.5M wide, grass surface,
15. TWY H (south of TWY E), Code C 15M wide, asphalt sealed, PCN 16/F/D/1500 (218PSI)/T.
16. TWY H (north of TWY E), Code A 7.5M wide, asphalt sealed.
17. TWY H1-H3, Code A 7.5M wide, grass surface, except H1 bitumen sealed.
18. TWY J and J1, Code A 7.5M wide bitumen/asphalt sealed.
19. TWY K, Code A 7.5M wide, concrete surface.
20. TWY S1-S3 Code A 7.5M wide, asphalt sealed.
21. TWY T, Code A 7.5M wide, asphalt sealed.

AERODROME OBSTACLES

1. Lit chimney 207FT AMSL BRG 255 DEG MAG 4,040M FM ARP. Infringes inner HZS by 13FT.
2. Four light towers at QSAC stadium 440FT AMSL BTN BRG 064 - 067 DEG MAG BTN 5,400M and 5,600M FM ARP infringes COS by 68FT. FLG red strobe on top of north TWR.
3. 15 floodlights at South Sports Club Acacia Ridge 130FT AMSL BTN BRG 109 – 121 DEG MAG BTN 940M – 1,260M FM ARP. Infringe RWY 10L take-off SFC by 25FT.
4. Lit TELCO TWR equipped with steady lights:
 - a. 303FT AMSL BRG 091 DEG MAG 4,650M FM ARP. Infringes COS by 77FT.
 - b. 120FT AMSL BRG 038 DEG MAG 1,780M FM ARP. Below OLS surfaces by 52FT.
 - c. 240FT AMSL BRG 051 DEG MAG 3,330M FM ARP. Infringes inner HZS by 46FT.
5. Unlit TELCO TWR 295FT AMSL BRG 101 DEG MAG 4,650M FM ARP. Infringes COS by 72FT.
6. 2 x lit buildings, Griffith University - Nathan, BTN 367FT – 414FT AMSL BTN BRG 055 - 057 DEG MAG 2.58NM FM ARP. Infringes COS by 81FT - 143FT.
7. Lit power TWR 253FT AMSL BRG 276 DEG MAG 2.4NM FM ARP. Infringes inner HZS by 59FT.
8. Unlit power TWR:
 - a. 228FT AMSL BRG 244 DEG MAG 2.1NM FM ARP. Infringes inner HZS by 34FT.
 - b. 200FT AMSL BRG 236 DEG MAG 2,799M FM ARP. Infringes inner HZS by 6FT.
 - c. 240FT AMSL BRG 141 DEG MAG 3,532M FM ARP. Infringes inner HZS by 46FT.
9. Terrain Obstacles - Mountain Tops:
 - a. 470FT AMSL BRG 025 DEG MAG 2.6NM FM ARP. Infringes COS by 110FT.
 - b. 450FT AMSL BRG 027 DEG MAG 2.5NM FM ARP. Infringes COS by 125FT.
 - c. 600FT AMSL BRG 279 DEG MAG 8.23NM FM ARP. Infringes RWY 10L approach SFC by 65FT.

METEOROLOGICAL INFORMATION PROVIDED

1. TAF CAT B, METAR/SPECI, AD WRNG.
2. AWIS Phone 07 3564 3701 - Report faults to BoM.
3. 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	52a	PCN 16 /F /D /1500 (218PSI) /T	WID 30	RWS 150
10R/28L	096	36c	Unrated. Central 18M sealed	WID 30	RWS 90

Caution:

- a. RWY 10R/28L reduced to 18M sealed WID with soft wet SFC notification.
- b. Reduced CL spacing to 167M BTN RWY 10L/28R and RWY 10R/28L.

- c. RWY 10R/28L restricted to ACFT below 4,000KG.
- d. Reduced CL spacing to 93M BTN RWY 10L/28R and TWY B.
- e. Reduced CL spacing to 45M BTN RWY 10L/28R and RWY Holding Positions on TWY B2, B3, B4, B5 and B6.

AERODROME AND APPROACH LIGHTING

RWY 10L/28R	MIRL(1)	AFRU+PAL 118.1		SDBY PWR AVBL
RWY 10L/28R	PAPI(2)	AFRU+PAL 118.1	3.0 DEG42FT	SDBY PWR AVBL
RWY 10L/28R	RTIL(1)	AFRU+PAL 118.1		SDBY PWR AVBL

(1) AVBL AH.

(2) AVBL on RQ during TWR HR. Activated by AFRU+PAL outside TWR HR. Left side only.

1. RWY 10L/28R:
 - a. Edge light spacing: 60M. Total LEN 1350M.
 - b. Edge LGT: White.
 - c. THR LGT: Green.
 - d. End LGT: Red.

OTHER LIGHTING

ABN ALTN 6 W

1. Secondary PWR switchover time: 15 SEC.
2. TWY LGT: Blue edge LGT on TWY B, B1-B8, H and E, EXC B4 and B7. Green CL LGT on intersection of TWY B, B1, B2 and H.

ATS AND AERODROME COMMUNICATION 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.

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

Note: For urgent OPR matters CTC Operations and Technical Officer 0414 233 903 (H24) or 07 3275 8000 (BH).

2. AF TWR provides ATS within Class D airspace SFC to 1,500FT during TWR HR.
3. Outside TWR HR airspace becomes Class G. CTAF procedures apply.

LOCAL TRAFFIC REGULATIONS

1. GROUND OPERATIONS

- a. Holding on TWY B2, B3, B4, B5 and B6 is limited to ACFT with MAX length of 22M.
- b. TWY A BTN TWY A2 and TWY A8 restricted to ACFT below 4,000KG MTOW.
- c. Fuel farm access FM TWY E and TWY B restricted to refuelling ACFT only.
- d. For ACFT TAX for RWY 22R, a clearance to cross RWY 22L via TWY F1, G1 or H2 not AVBL. ACFT must TAX via alternative route.
- e. Tail-skid equipped ACFT using RWY 10R/28L are to limit OPS to Southern 6M of strip abutting sealed central 18M for TKOF/LDG.
- f. Pilots are advised to minimise engine running adjacent to terminal parking.
- 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. All RWY are active at all times and during ATC HR require a clearance to enter, cross, TAX or backtrack.
- j. TWY B4 is inside RWY 04R/22L. ACFT vacating RWY 10L/28R via TWY B4 should:
 - (i) During ATC HR request clearance to enter TWY B; or
 - (ii) TAX clear of RWY 04R/22L as soon as practicable when CTAF procedures apply.
- k. When grass areas are out of service, sealed RWY 10L or RWY 28R run-up bays should be used for run-ups.
- l. Terminal ACFT parking area infringes TWY H strip by 2M. Terminal ACFT parking area limited to ACFT with MAX wingspan of 13M.
- m. When entering RWY 28R via TWY B1, all ACFT ABV 6,800KG are not permitted to use 100% thrust until they reach the check point Zulu sign, which is located 90M FM start of RWY 28R. No thrust restriction applied passing Zulu sign.
- n. The TORA sign at TWY B1 holding position, when approached from the west, is located on the right-hand side of the TWY.

2. PREFERRED RUNWAYS

RWY 10/28 is the preferred runway. ATC will consider nominating an alternative RWY when the crosswind exceeds 10KT.

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 OPR.
- 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 northern 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.

4. TRAINING FLIGHTS

- 4.1. All circuit training requires ATC approval, pilots must book a slot online at: www.qld.bookawk.com.

FLIGHT PROCEDURES**1. ESTIMATED AIRBORNE TRAFFIC DELAYS****1.1. For ARR ACFT:**

- a. 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:
 - (i) 2100-1100 UTC DLY: 20MIN.

Note: Actual holding times may differ from holding estimates. Historical data on actual holding is available from the NOMC.

1.2. For DEP ACFT:

- a. 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.
 - (i) 2100-1100 UTC DLY: 20MIN unless the ACFT is a declared MEDEVAC, SAR, FFR or other priority FLT.

2. 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.

3. 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.

4. LOW VISIBILITY OPERATIONS

Low visibility operations NOT AVBL.

5. CIRCUIT PROCEDURES**5.1 Circuit ALT: 1,000FT (QNH).****5.2 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.****5.3 Simulated asymmetric operations not permitted RWYs 04.****5.4 Practice landing with feathered propeller only available with ATC approval (ATC response required "feathered landing acknowledged").****5.5 Low level CCTS not permitted on RWY 04/22.****5.6 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.

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

6. DEPARTURES

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

6.2 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.

6.3 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.

6.4 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.

6.5 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.

6.6 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).

7. ARRIVALS

7.1 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.

8. **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.

9. **INSTRUMENT APPROACHES**

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

10. **HELICOPTER OPERATIONS**

10.1 **Local Procedures**

- a. TAX call required for all HEL operations on ARCHER GROUND 119.9 during TWR HR.
- b. HEL DEP and ARR must be outside of and parallel to the RWY in use, unless approved otherwise by ATC.
- c. Pilot in Command (PIC) responsibility to sight and remain clear of TAX TFC, WAE and vehicles on TWY, manoeuvring area and APN. Notification of TAX fixed wing TFC or WAE may not be provided.
- d. All HEL trolleys/fuel trailers are to be parked clear of TWY.
- e. HEL are not permitted to ground run on HLS or HEL parking areas.

10.2 **HEL Parking**

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

10.3 **HEL Circuit Operations**

- a. HEL CCTS ALT not ABV 700FT AMSL.
- b. Use the same traffic pattern as other traffic and operate inside of fixed wing traffic.
- c. Northern Grass is the manoeuvring area, N of Central Pad and W of Northern Pad.
- d. Eastern Grass is the manoeuvring area, S and E of TWY D and N of TWY B, excluding the Central Pad.
- e. Northern Grass and Eastern Grass OPS require ATC approval. Pilots should book online at www.qld.bookawk.com.
- f. When duty RWY 28/10 use Northern Grass and for duty RWY 04/22 use Eastern Grass.
- g. Once established within Northern Grass or Eastern Grass HEL may OPR in ground effect on listening watch, unless conducting CCTS. Other OPS require ATC approval.
- h. Initial TFC INFO only will be provided on other HEL conducting CCTS.
- i. Circuits should be conducted as follows:
 - (i) CCTS direction and FREQ as per ATIS
 - (ii) Once established the only COM is an 'AIRBORNE' call before each circuit
 - (iii) Turn crosswind no later than airfield boundary
 - (iv) HEL CCTS should remain S of Granard Road for Northern Grass OPS and W of Beaudesert Rd for Eastern Grass OPS
 - (v) Eastern Grass HEL CCTS OPS to remain E of control tower
 - (vi) ATC will not positively control HEL TKOF and LDG from HEL training areas or provide sequencing instructions
 - (vii) A continuous look out for airborne TFC must be maintained by PIC.

10.4 **HEL Departures**

- a. DEP ALT not AVBL ABV 1,000FT AMSL.
- b. DEP on track or into wind may be requested and requires ATC approval.
- c. HEL should comply with fixed wing departure and transponder procedures.
- d. Departure for intended entry into Brisbane CTR should advise:
 - (i) "UNI DEPARTURE" with taxi ready call, and
 - (ii) Unless instructed otherwise, depart the AF CTR via St. Lucia University into Class G airspace and contact Brisbane Centre 125.7 at St. Lucia University for clearance.

- 10.5 **HEL Arrivals**
- ARR ALT 1,500FT AMSL, unless requesting entry into AF CTR via UNIVAT.
 - HEL reporting inbound at VFR approach points should comply with fixed wing arrival procedures.
 - HEL may be instructed to overfly runways not BLW 500FT for designated HLS.
 - Nominate HLS on first contact with ARCHER TOWER.
11. **COMMUNICATION FAILURE**
- During Tower Hours**
 - Carry out general Communication Failure procedures in EMERG.
 - TR via the appropriate inbound reporting point.
 - Enter AF CTR at 1,500FT and proceed to overhead the aerodrome at that altitude.
 - 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.
 - When ready, descend to circuit altitude remaining clear of the other circuit.
 - Maintain separation from other aircraft.
 - Proceed with normal circuit and landing.
 - Watch for light signals from the TWR.
12. **OPERATIONS OUTSIDE TWR HR**
All circuit direction left hand
- 12.1. **RWY availability:**
- RWY 04R/22L HJ only
 - RWY 10L/28R H24
 - RWY 04L/22R and 10R/28L not AVBL
- 12.2. Pilots requiring airways clearance on DEP are to CTC BN Centre on 125.7 or PH 07 3866 3694⁴, immediately prior to engine start for and expected CLR time and discrete transponder code.

CTAF - AFRU 118.1

Outside TWR HR.

NOISE ABATEMENT PROCEDURES

- Outside TWR HR when operational conditions permit, RWY 28 must be used for TKOF.
- Low level HEL training is not permitted outside TWR HR.
- Fly Neighbourly procedures apply to HEL and fixed wing, AVBL from AD OPR or website.

ADDITIONAL INFORMATION

- Bird and animal hazards may be present on the airfield.
- Ground signal circle located ADJ central WDI.
- Caution: Frequent temporary crane operations 144FT AMSL BRG 105 DEG MAG 1,150M FM ARP below transitional, approach and take off SFC for RWY 10L/28R, but penetrates VSS for runway 28R.
- Caution: Regular crane operations 192FT AMSL BTN BRG 346 – 353 DEG MAG BTN 695M – 805M FM ARP. Infringe RWY 04L/22R transitional SFC by 58FT and inner HZS by 63FT.
- Caution: Frequent scissor lift testing 138FT AMSL BRG 178 MAG 710M FM ARP, below RWY 10R/28L transitional SFC by 15FT.
- Caution: Regular crane operations 92FT AMSL BRG 115 MAG 850M FM ARP. Infringe RWY 10L take off SFC maximum 7FT.
- Caution: Jet blast hazard may exist for light ACFT and HEL OPR on the following taxiways:
 - Intersection of TWY J1 and TWY H from ACFT positioned on apron north of Terminal building;
 - Intersection of TWY J and TWY J1 from ACFT at Archerfield Jet Base apron.

CHARTS RELATED TO THE AERODROME

- WAC 3340.
- Also refer to AIP Departure and Approach Procedures.