

OAN 71/ 2019 – MAN-TP PP03 AIRSIDE CONSTRUCTION

OAN REF:-	71/2019	DATE OF ISSUE:-	18/07/19	EFFECTIVE DATE:-	18/07/19
MANUAL REFERENCE(S):-	N A			EXPIRY DATE:-	25/10/19

THIS OAN REPLACES OAN 118-2018 WITH IMMEDIATE EFFECT

PLEASE ENSURE THIS INFORMATION IS PROMULGATED TO ALL STAFF

1.0 SUMMARY

1.1 Works continue airside to construct new aprons and taxi-lanes and to reconfigure existing airside areas to form the new Terminal 2, Pier 2 Remote Stands.

2.0 PROGRAMME

2.1 Overall: Thursday 18th July 2019 until Friday 25th October 2019.

2.1.1 Work within Taxiways (TWY) November and Delta, outside of the main work site, will commence on Sunday 21st July 2019 for 3 weeks.

2.1.2 Work within Aircraft Stand Taxilane (ASTL) November-Alpha will commence 4th August 2019 for 2 weeks.

2.2 Working hours

2.2.1 Nominal working hours within the main site will be Monday to Friday 08:00-18:00hrs and Sunday to Thursday 20:00-06:00hrs local; at other times as required by programme and advised to MAG Operations

2.2.2 Working hours on TWYs November, Delta and ASTL November-Alpha will be Sunday to Thursday 22:30-05:30hrs local.

3.0 SCOPE & LOCATION OF WORKS

3.1 The scope of works is:

- Excavation of grass areas and laying of new concrete pavement.
- Installation of electrical pit and duct lines.
- Modification/maintenance works to fuel hydrant system.
- Cathodic protection installation for fuel hydrant system.
- Installation of aeronautical ground lighting (AGL).
- Removal and application of surface markings.

- Saw cutting of new concrete pavement.
- Head of stand equipment installation and associated electrical works.
- Installation of steelwork into MH S16 on ASTL NA.
- Base construction and high mast light installation.
- Duct installation across Apron Road beside Stand 84/243.
- Construction of concrete base in grass area between Stands 84 and 243.

3.2 The main works site is at the north-western end of the airfield, encompassing the former ASTL November-Alpha and the remaining grass areas either side.

3.3 The night-working area will encompass a section of ASTL November-Alpha behind Stands 110 and 112, a section of TWY Delta at the northern side of the compound and a section of TWY November at the southern side of the compound. *See attached drawing for exact locations.*

4.0 OPERATIONAL IMPLICATIONS

4.1 Stand Restrictions during works on Taxiway Delta

4.1.1 Aircraft required to park or be removed from Stand 243 whilst the night time work in Taxiway Delta is ongoing must do so under tow.

4.2 Stand Restrictions during works on Taxiway November

4.2.1 Whilst work is in progress on TWY November, night-stopping aircraft are to be parked on Stand 72.

4.3 Stand Restrictions during works on ASTL November Alpha

4.3.1 Prior to work starting on ASTL November Alpha abeam Stands 110 and 112, a night-stopping aircraft is to be parked on Stand 110.

4.4 Taxiway Closures and Restrictions

4.4.1 Taxiways November and Delta will be closed at times to complete the areas of excavation within the Code E (B747 / A330) taxiway strip on the northern and southern borders of the main work site. *Paragraph 2.2.2 refers.*

4.4.2 Works within the strip of Taxiways November and Delta will not go ahead concurrently. Access to and from T2 Pier 1 will remain available throughout the works, under the safety oversight of the dedicated Airfield Operations ASCO.

4.4.3 The low-level blocks surrounding the excavation will be placed at 20 metres from the centreline of Delta (outside the graded portion of the strip). Wingtips of aircraft using Delta will overhang the excavated area, which will be cleared of any upstanding objects or loose materials. The works will not be active during the day time when November and Delta are open to aircraft operations.

- 4.4.4 ASTL November Alpha will be closed at night behind Stand 110 and 112. *Paragraphs 2.1.2 and 2.2.2 refer.*
- 4.4.5 The Aeronautical Ground Lights (AGLs) along Taxiway November from abeam Stand 74 to 72, along the relocated ASTL November Alpha and around the radii on to Taxiway Delta to abeam Stand 243 will remain unlit H24 throughout this works programme. Airfield Operations will provide a Follow Me vehicle during the hours of darkness and low visibility operations.
- 4.5 **Pushback Procedures**
- 4.5.1 When Taxiway Delta is closed from abeam Stand 243 the following non-standard pushbacks are to be instructed by ATC:
- Stands 211, 237, 239, 241 and 243 - Pushback and pull forward to stand 237. Tug release and engine start abeam stand 237.
 - Stands 104, 106, 108, 110, 112, 114 & 116 –push to face west (towards cargo sheds)
- 4.5.2 When Taxiway November is closed abeam Stand 72 the following non-standard pushbacks are to be instructed by ATC:
- Stands 70, 71, 83 & 84 - Pushback and pull forward to stand 70. Tug release and engine start abeam stand 70.
 - Stand 72 pushback can be facilitated by giving the contractor a 30-minute notice to vacate the area within Taxiway November strip, including the removal of all equipment.
- 4.6 **Road closure**
- 4.6.1 The Apron Road next to Stands 84 and 243 will be closed for 1-night for the installation of ducting from the main worksite to the grass area between the stands. The GallifordTry Site Supervisor will advise the ADM in advance when this will take place. Alternative vehicle routings will be available.
- 5.0 **LOW VISIBILITY OPERATIONS (LVO)**
- 5.1 The works will have no effect on Low Visibility Procedures.
- 5.2 Works on ASTL November Alpha and within the strip of Taxiways Delta and November will be cancelled in the event of forecast low visibility operations.
- 5.3 Work may continue within the main site during periods of low visibility at the ADM's discretion.
- 6.0 **FURTHER INFORMATION**
- 6.1 For further information, please contact the Airfield Duty Manager on +44 161 489 3331.

7.0 ADDITIONAL DOCUMENTS

7.1 Drawing: Yes Annexe: Yes

ORIGINATOR:-	ELIZABETH YATES	CONFIRMED & APPROVED BY:	Nick Biggar
ROLE:-	AIRFIELD TECHNICAL PLANNER	ROLE:-	Airfield Technical Manager
SIGNATURE:-		SIGNATURE: -	

