

OAN 38/2019 – INSTALLATION OF ADVANCED SURFACE MOVEMENT GUIDANCE CONTROL SYSTEM (ASMGCS) HARDWARE.

OAN REF:-	38/2019	DATE OF ISSUE:-	16/04/19	EFFECTIVE DATE:-	16/04/19
MANUAL REFERENCE(S):-	N/A			EXPIRY DATE:-	10/05/19

THIS DOCUMENT REPLACES OAN 21/2019 WITH IMMEDIATE EFFECT.

PLEASE ENSURE THIS INFORMATION IS PROMULGATED TO ALL STAFF

1.0 SUMMARY

The ongoing programme of work to install ASMGCS hardware at multiple locations across the airfield has been extended by two weeks. This document replaces the previously issued OAN 21/2019. The ASMGCS hardware will comprise new masts and antennas. The work will also involve installing electrical and comms connections. Additionally, at some locations, minor civil works will be required to create new duct routes.

2.0 PROGRAMME

- 2.1 The ongoing programme of work has been extended until Friday 10th May 2019.
- 2.2 The majority of the work will take place during daylight hours, however, due to their location, some elements of work will be undertaken at night during concurrent, scheduled runway closures.

3.0 SCOPE OF WORKS

- 3.1 The scope of work will be as follows;
 - Minor civil works to create concrete plinths for the new antenna masts.
 - Minor civil works to create new duct routes at some antenna locations.
 - Installation of new masts and antennas.
 - Installation of electrical and comms connections to serve the new hardware.

4.0 LOCATION OF WORK AND OPERATIONAL IMPACT

- 4.1 The working locations and associated operational impacts are described in the following table;



LOCATION	PROGRAMME DATES	SCOPE OF WORK	OPERATIONAL IMPACT/ CONSIDERATIONS
RU11 – From G sub, along edge of apron to the end of blast wall adjacent to Taxiway Juliet.	15/04/19 – 23/04/19 (Civils) 24/04/19 – 03/05/19 (electrical & IT)	Installation of mast, antenna & elec/ comms connections.	None
RU13 – Grass area adjacent to Perimeter Track, abeam Rwy 23R GP Critical Area.	22/04/19 – 03/05/19	Installation of plinth, mast & electrical / comms connections.	Electrical connections / cabling works to be carried out during days with ASCO oversight.
RU14 – Southside pump house.	15/04/19- 26/04/19	Installation of mast, antenna and elec/ comms connections, plus civil works for new plinth.	None
RU17 & 18 – Grass area immediately south of Rwy 05R GP Critical Area.	29/04/19 – 03/05/19	Installation of mast, antenna & elec/ comms connections.	To be carried out HJ with ASCO oversight. Mast erection works to be undertaken during routine, nightly Rwy 05R-23L closure period with ASCO oversight.
RU19 – In grass area at end of Rwy 23L Clearway.	22/04/19 – 26/04/19	Installation of mast.	To be carried out during routine, nightly Rwy 05R-23L closure period.
RU20 & 21 – In grass area at Sugar Brook Water Quality kiosk.	22/04/19 – 26/04/19	Installation of mast, antenna & elec/ comms connections, plus civil works for plinth & new duct routes.	None – can be carried out HJ with Rwy 05R-23L operational.
RU22 – In grass area to west of RHP A1.	07/05/19 – 10/05/19	Ducting, installation of mast, antenna & elec/ comms connections.	To be carried out during scheduled May Rwy 05L-23R HN maintenance closures.
RU24 – Within equipment bay at head of Stand 74R	29/04/19 – 03/05/19	Installation of mast, antenna & elec/ comms connections.	Temporary HJ closure of Stand 74R during installation of mast.
Pier 1 (Nodes 111 & 101)	22/04/19 – 26/04/19	Installation of antenna on node roof	To be coordinated with Airfield Control.

5.0 LOW VISIBILITY PROCEDURES (LVP)

5.1 Overall, the work has no impact on the airport’s ability to operate during periods of low visibility.

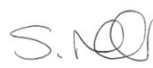
5.2 In the event of forecast low visibility, any work scheduled to take place on the Manoeuvring Area will be cancelled.

6.0 FURTHER INFORMATION

6.1 For further information, please contact the Airfield Duty Manager on +44 0161 489 3331.

7.0 ADDITIONAL DOCUMENTS

Drawing: No

ORIGINATOR:- (PRINT NAME)	S.McAleer	CONFIRMED & APPROVED BY:- (PRINT NAME)	N.Biggar
ROLE:-	Airfield Technical Planner	ROLE:-	Airfield Technical Manager
SIGNATURE:-		SIGNATURE:-	