



Doncaster Sheffield Airport: Airspace Change Proposal

Proposal to introduce RNAV Standard Instrument Departure and Instrument Approach Procedures

PART E

Summary

30th April 2018

CPJ-5237-RPT-173-V1

www.cyrrus.co.uk

info@cyrrus.co.uk



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1. ACP Summary and Conclusions

- 1.1. This ACP proposes the introduction of five RNAV SID procedures from DSA to replace three outdated PDRs and three conventional SIDs which have been in place for approximately 10 years. It proposes the introduction of an additional portion of Class D CTA and the lowering of a portion of the existing airway for SID airspace containment. Finally, it proposes the introduction of RNAV IAPs designed to provide redundancy to the primary means of instrument approach, the ILS.
- 1.2. Part E of the ACP document presents a summary and conclusions of the proposal and presents an outline timetable to implementation of the proposed IFPs and associated airspace structures.
- 1.3. DSA has conducted the ACP in accordance with the provisions of CAP725, however, the team has been mindful of the increased demands of the new ACP process, as written in CAP1616, and has, where practical, made efforts to lean towards these requirements.
- 1.4. DSA has developed the proposed IFPs in accordance with the current CAA policies.
- 1.5. DSA has taken due regard of both the 2014 and 2017 DfT Guidance to the CAA on the exercise of its air navigation functions throughout the development of this ACP. DSA has carefully balanced the safety, environmental and operational objectives throughout the development of the procedures, so far as it has been able, within the constraints applied by the requirement to comply with PANS-OPS procedure design criteria.
- 1.6. DSA has carried out a comprehensive Stakeholder Consultation with both the aviation industry and with those communities on the ground who may be affected by the proposed replacement of conventional departure procedures with RNAV SID procedures, the introduction of changes to the airspace and the introduction of RNAV IAPs. The Consultation has been carried out in accordance with the requirements of CAP725. A Report of the Stakeholder Consultation was published which provided a statistical analysis of the consultation together with the DSA response to issues and concerns identified by consultees. The Stakeholder Consultation Documents together with all consultee responses and correspondence and the Report of the Stakeholder Consultation are submitted separately in support of this ACP and are cross-referenced throughout the ACP document.
- 1.7. DSA concludes that the proposed replacement of PDRs and conventional SIDs with properly designed RNAV SID procedures, that are fully contained inside controlled airspace (by virtue of some amendments to the airspace configuration), is justified and accords with current CAA policies. Accordingly, the procedure designs that were submitted to consultation are now submitted to the CAA for consideration in this ACP. The proposed procedures will also be submitted to the SARG IFP Regulation Section for regulatory approval.

2. Outline Timetable for Implementation

- 2.1. Below is an outline timetable for implementation of the proposed SIDs, IAPs and airspace at DSA.
- 2.2. DSA acknowledges that the timetable may be subject to interruption should additional requirements or clarification be specified by the CAA.
- 2.3. DSA acknowledges that the implementation timetable may need to be adjusted to fit NATS schedule for changes to the Prestwick data handling systems. This will be co-ordinated with NATS once a provisional CAA agreement to the ACP is given.

Dates	Activity	Remarks
30 April 2018	Formal submission of ACP to SARG Formal submission of IFP designs to SARG	CAP 725 Regulatory Review (Stage 5 commences) CAP 785 Regulatory Review
30 April 2018	Acknowledgement of ACP and IFP submission	Document Check
7 May 2018	SARG Case Study (16 weeks)	Clarifying Questions may be submitted to DSA.
(8 weeks after submission)	Regulatory Approval of IFP Designs	
(16 weeks after submission)	Regulatory Decision on ACP	
7 September 2018	Submission of data to AIS (latest)	CAP 725 Stage 6
7 September 2018	Preparation for publication by AIS	
25 October 2018	Publication by AIS at AIRAC 13/2018 Publication Date	Single AIRAC Cycle
6 December 2018	AIRAC 13/2018 Effective Date	Procedure and Airspace Implementation

Table 1: Implementation Schedule



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