

# LJLA Airspace Transition

**Design Options Images** 

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Issue 1	Initial	14 <sup>th</sup> May 2019

Approval Level	Authority	Name
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Reviewer		

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#### 1.1 Background

The LJLA Airspace Transition project is currently at the Stage 2 – Develop & Assess stage of the CAP 1616 Airspace Design process. Step 2A requires the change sponsor to develop a comprehensive list of options that address the Statement of Need and that align with the Design Principles developed in Stage 1. As the change sponsor, LJLA is then required to produce a Design Principle evaluation that sets out how the options have responded to the Design Principles.

The LJLA Airspace Transition Design Options Evaluation document articulates the evaluation of each of the options developed against the Design Principles and forms part of the document set required to provide the necessary evidence to satisfy the Stage 2 Develop & Assess Gateway.

This document provides enlarged images of each of the options developed, against a backdrop of both an Ordnance Survey roadmap and an aeronautical (VFR) chart and should be read alongside the LJLA Airspace Transition Design Principles Evaluation document.

## A1 Standard Instrument Departures

A1.1 Runway 27 SID AGGER



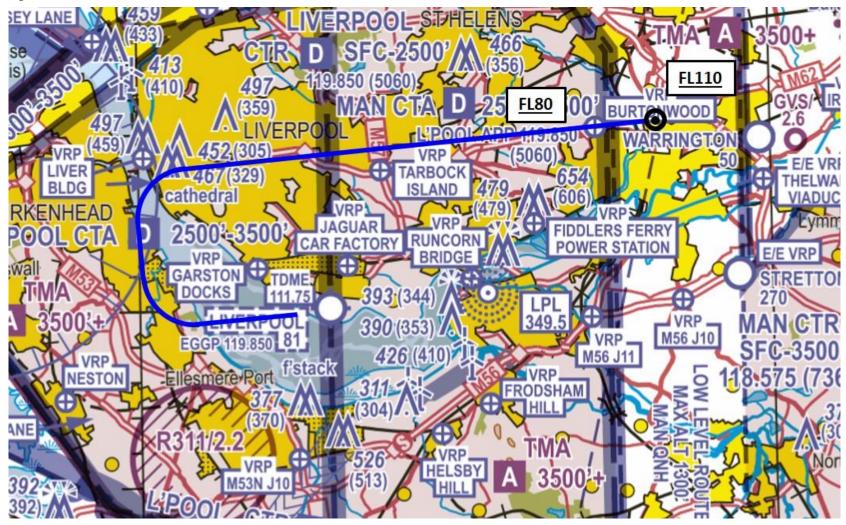
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A1.1.1 Option 1



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A1.1.2 Option 2



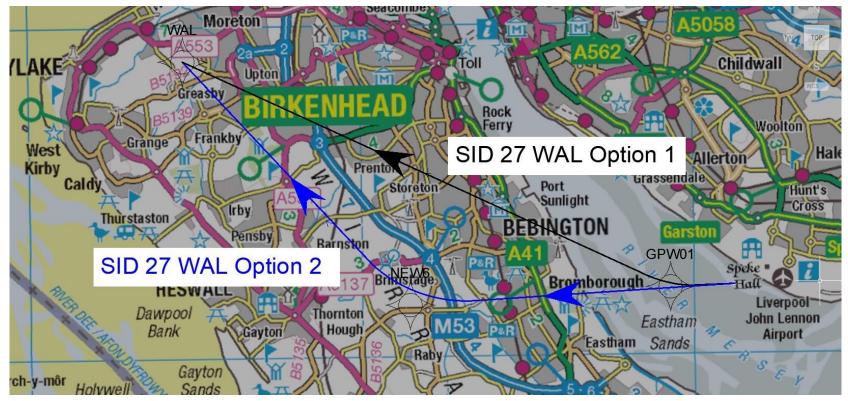
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A1.1.3 Option 3



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#### A1.2 Runway 27 SID WAL



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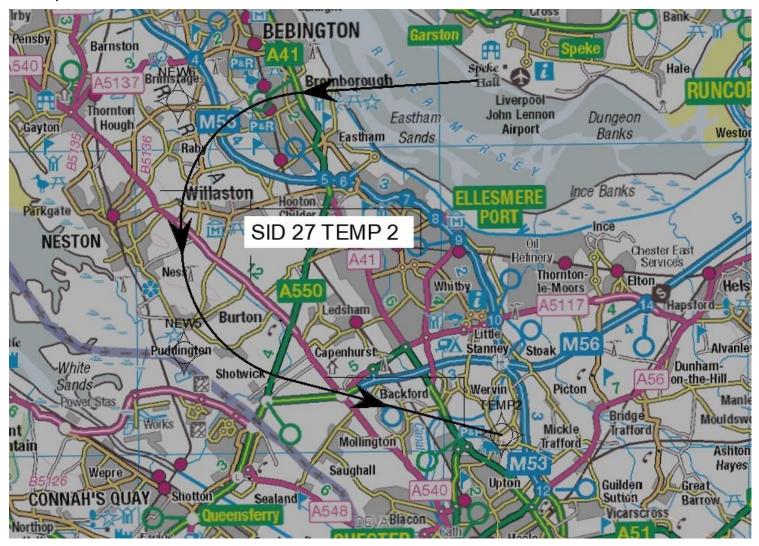


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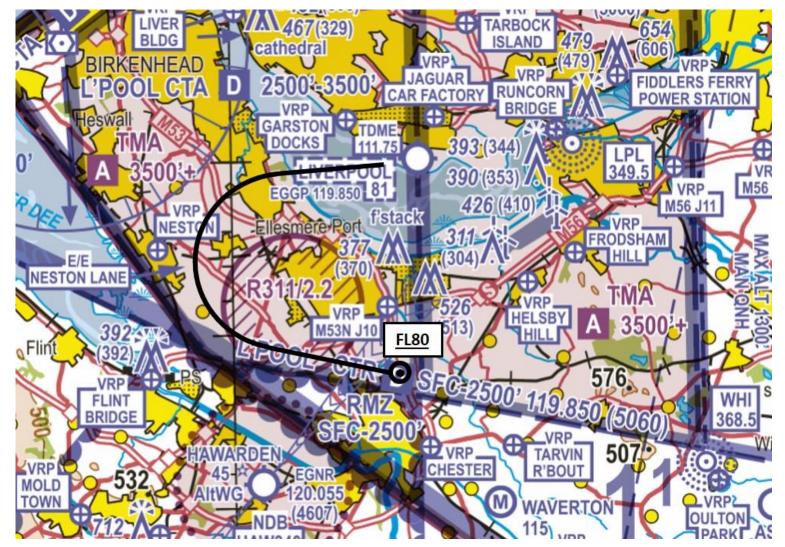


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A1.3 Runway 27 SID TEMP2

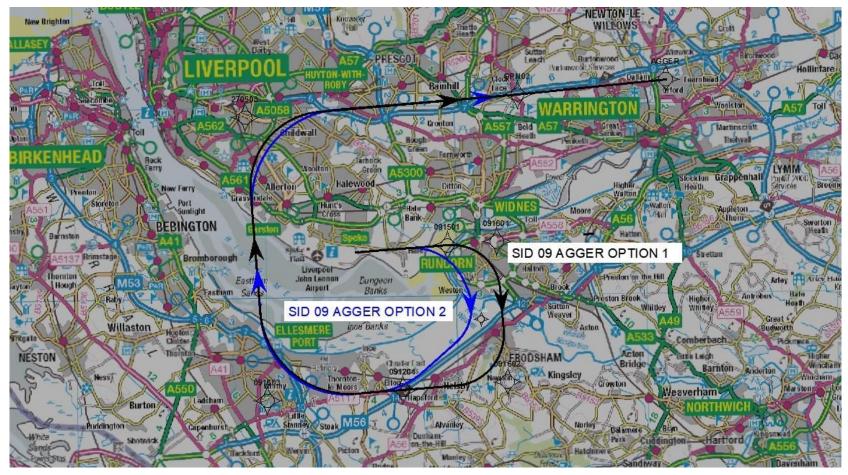


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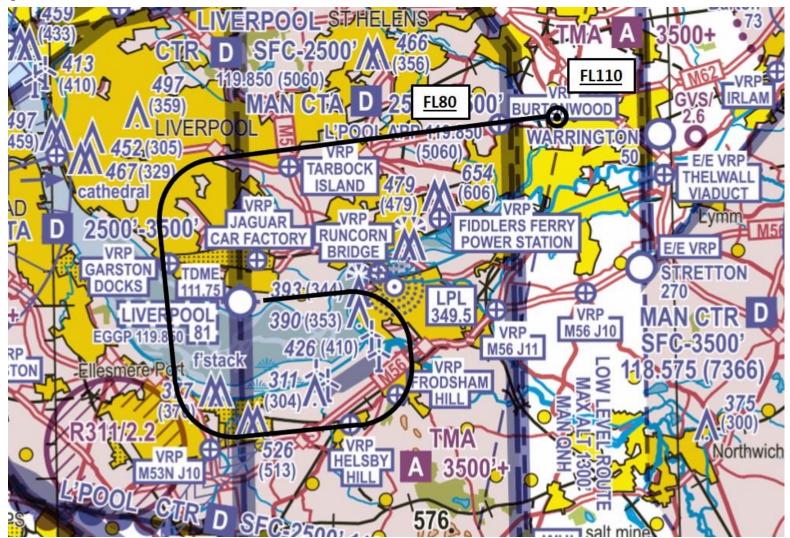
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#### A1.4 Runway 09 SID AGGER



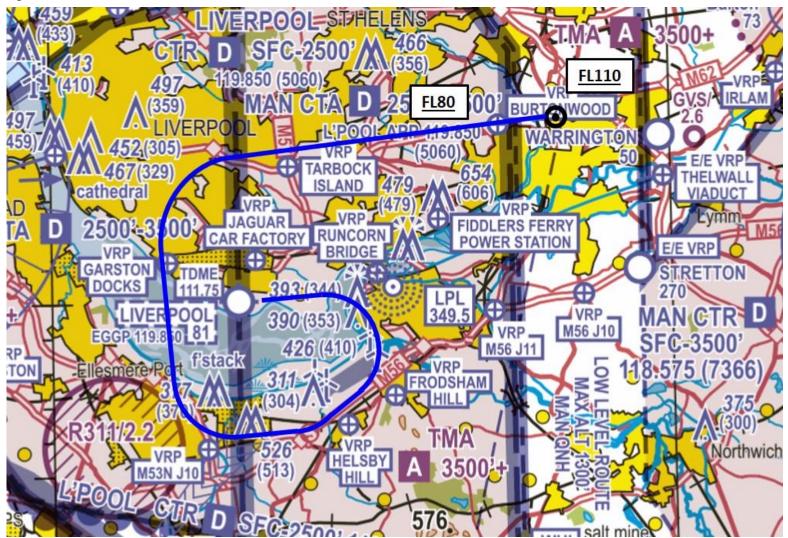
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A1.4.1 Option 1



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#### A1.5 Runway 09 SID CAVEN



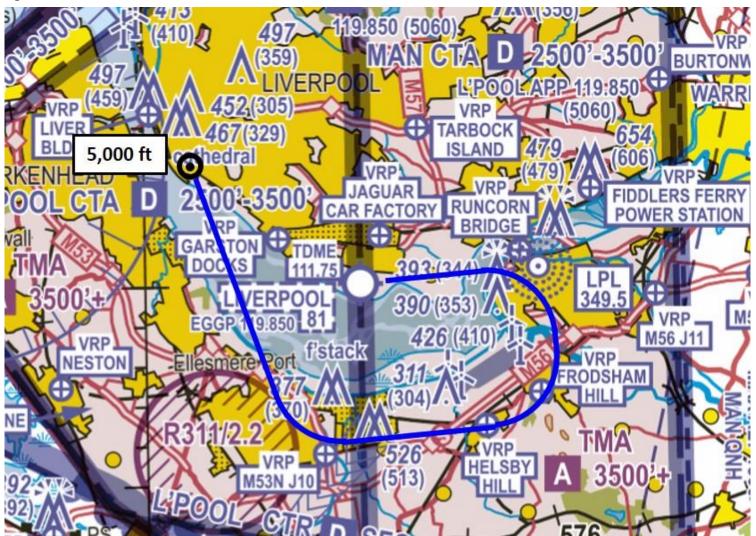
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A1.5.1 Option 1

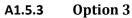


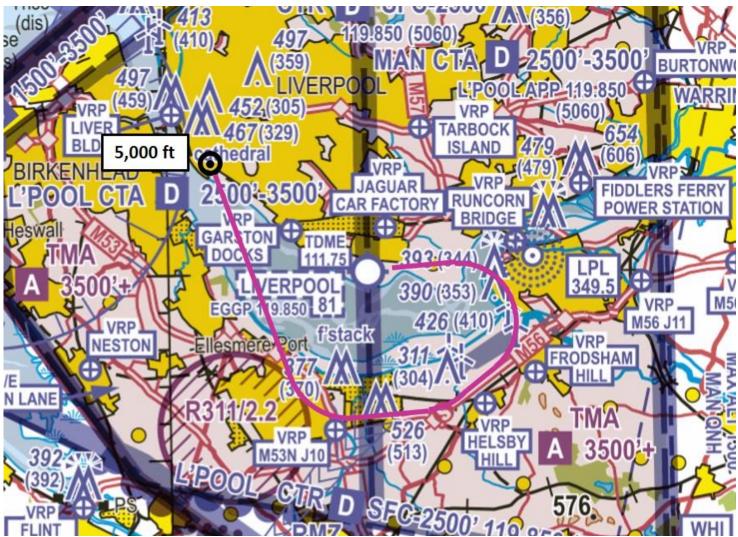
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A1.5.2 Option 2



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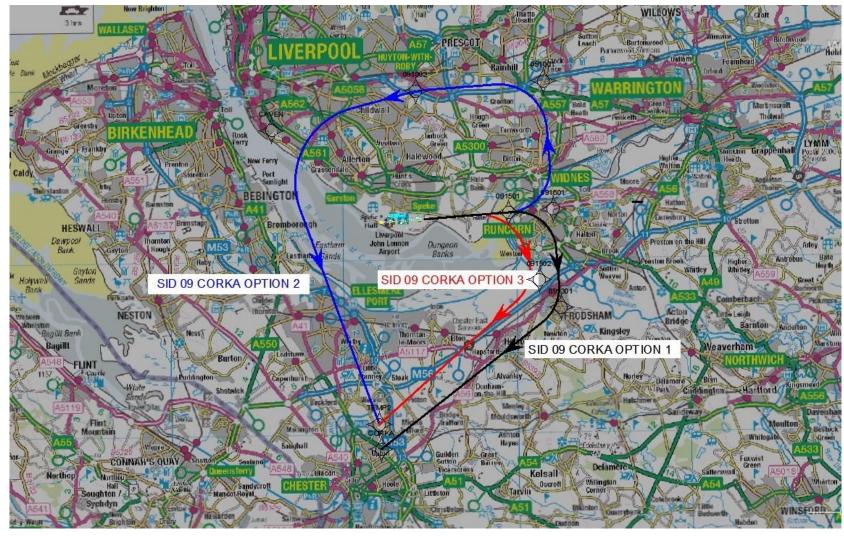
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A1.5.4 **Option 4** 



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#### A1.6 Runway 09 SID CORKA



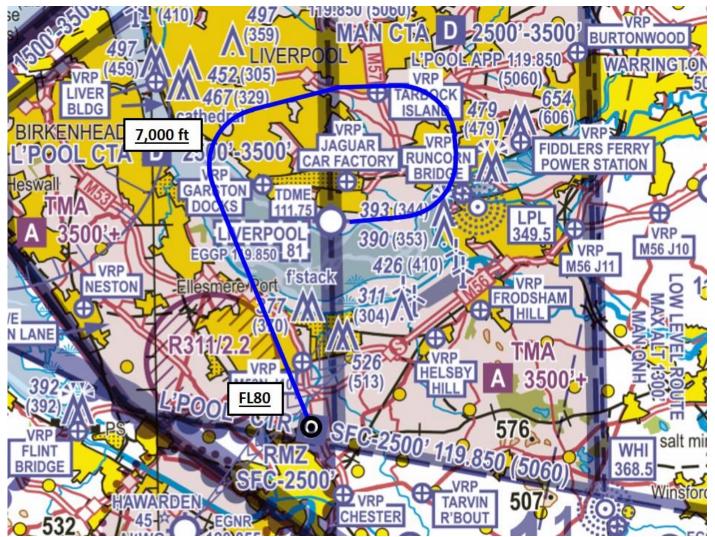
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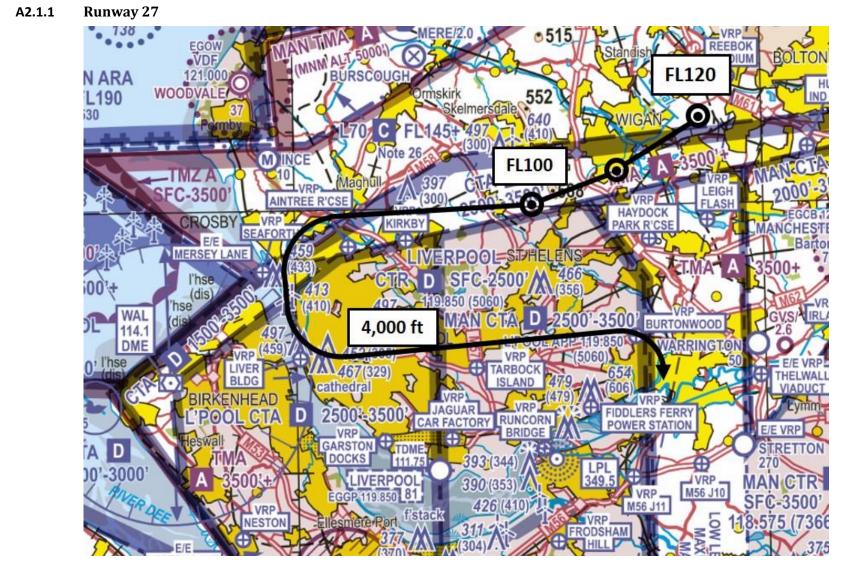
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## A2 Transition Procedures

#### A2.1 Transition DIOUF



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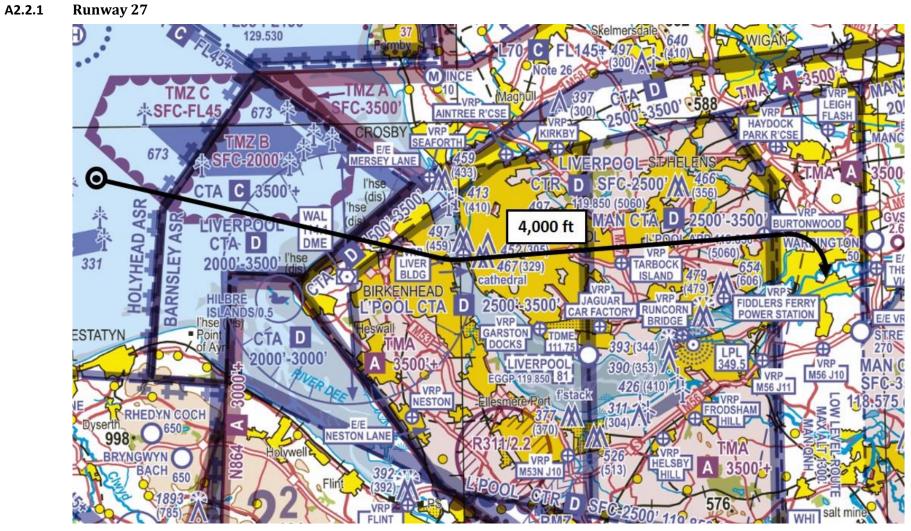


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#### A2.2 Transition NOMSU

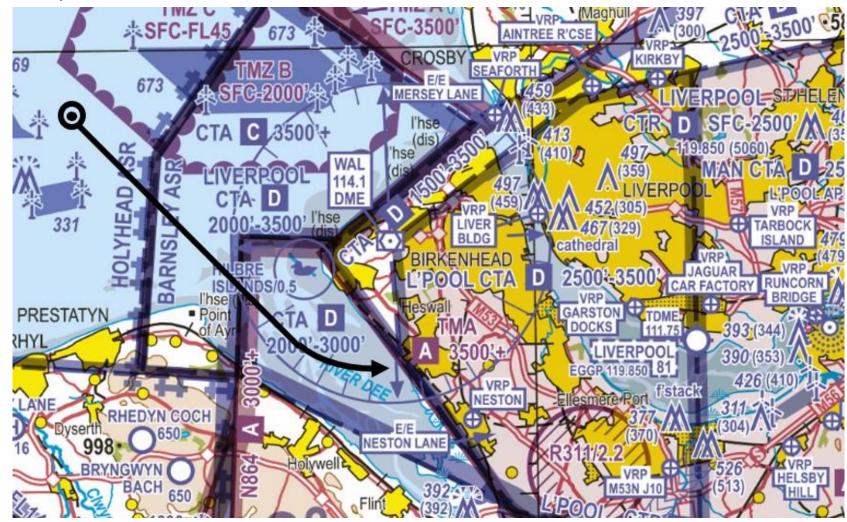


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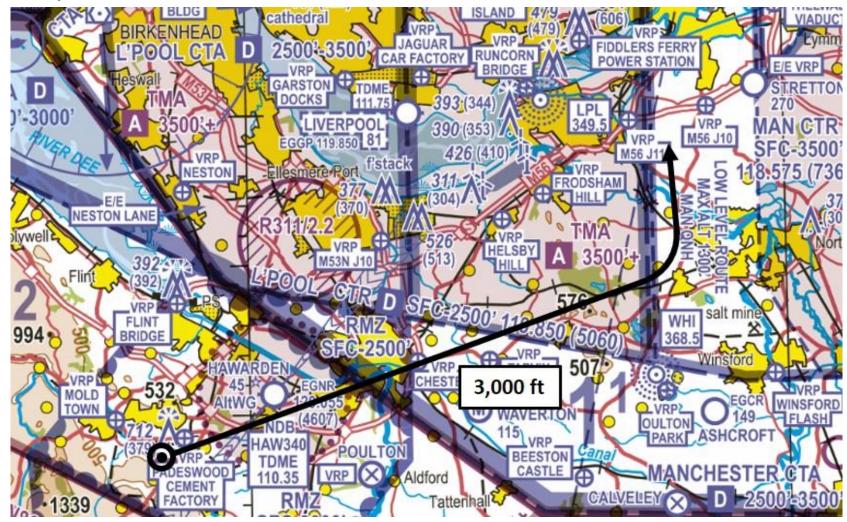
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#### A2.3 Transition VEGUN



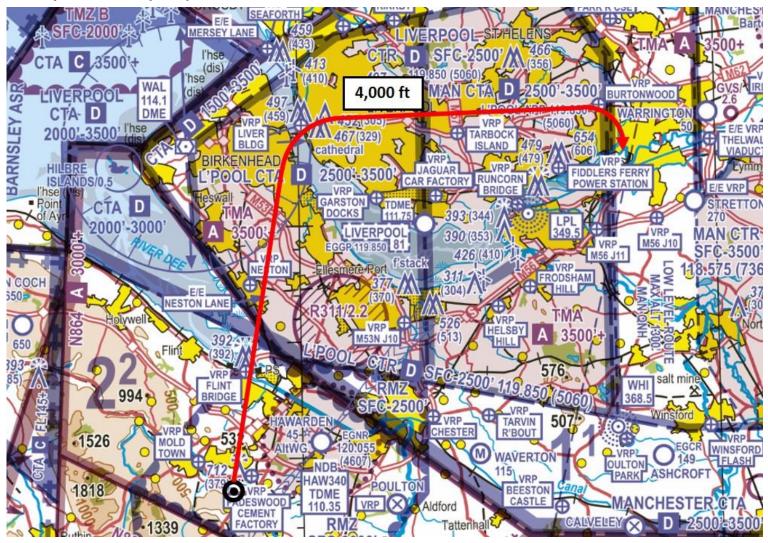
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A2.3.2 Runway 27 – VEGUN (CC05)



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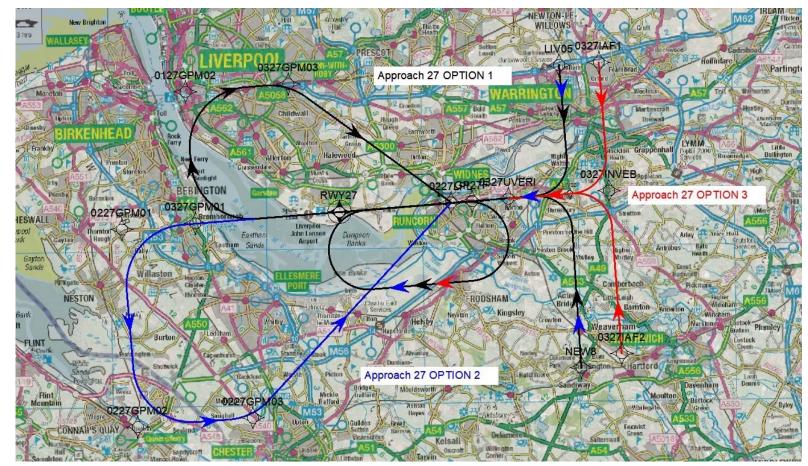




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## A3 Instrument Approach Procedures



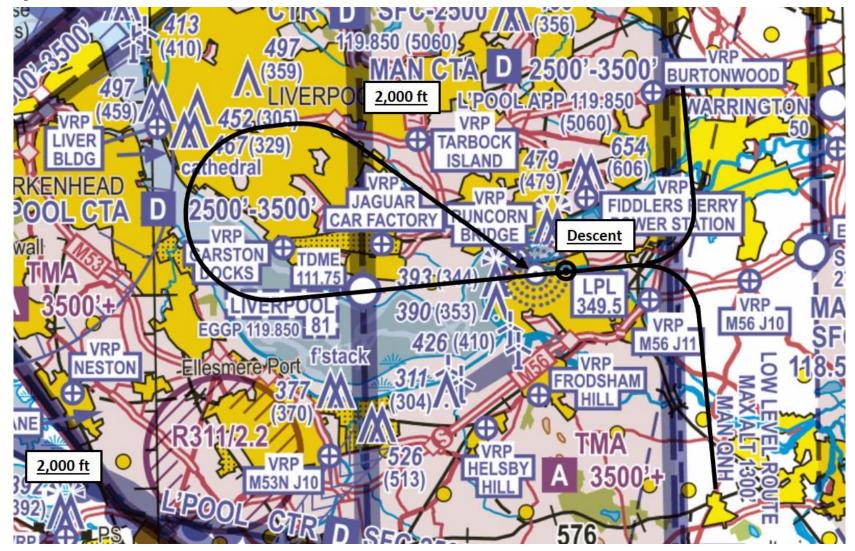
A3.1 Instrument Approach Procedure Runway 27

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LJLA Airspace Transition | Instrument Approach Procedures



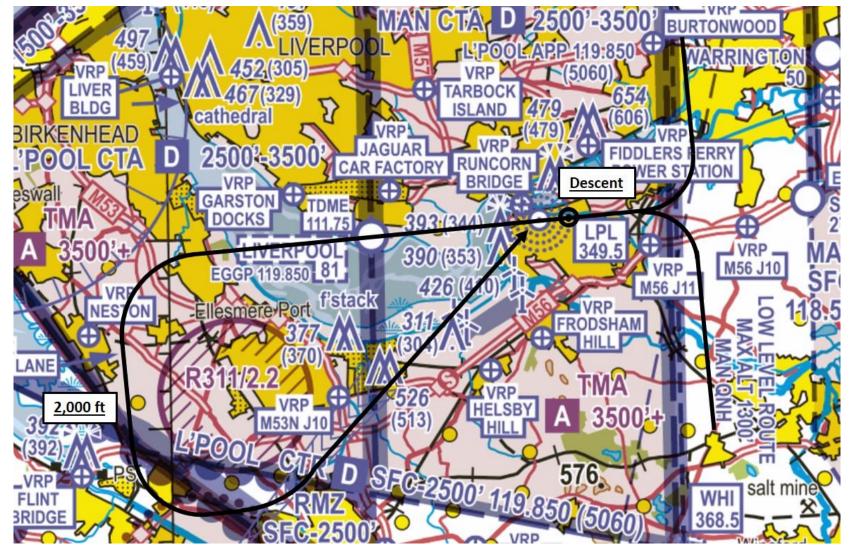
#### A3.1.1 Option 1



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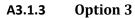


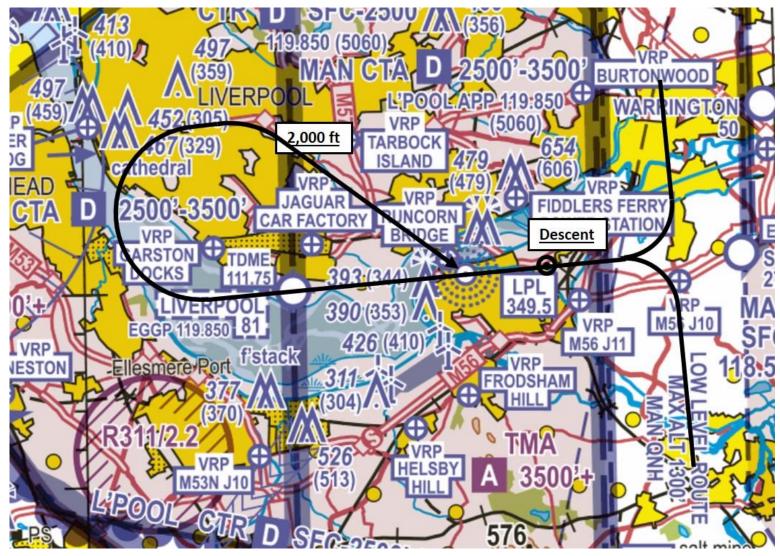
## A3.1.2 Option 2



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A3.2 Instrument Approach Procedure Runway 09

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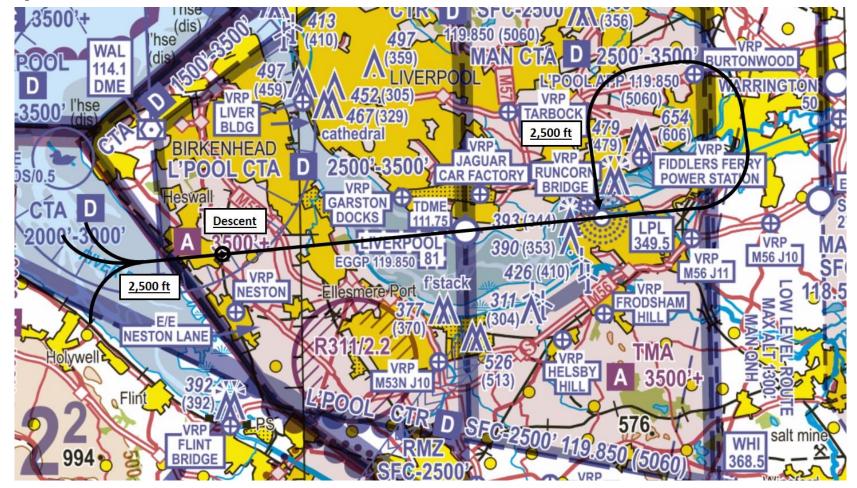
A3.2.1 Option 1



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A3.2.2 Option 2



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### A3.2.3 Option 3



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# A4 Post Engagement Design Options

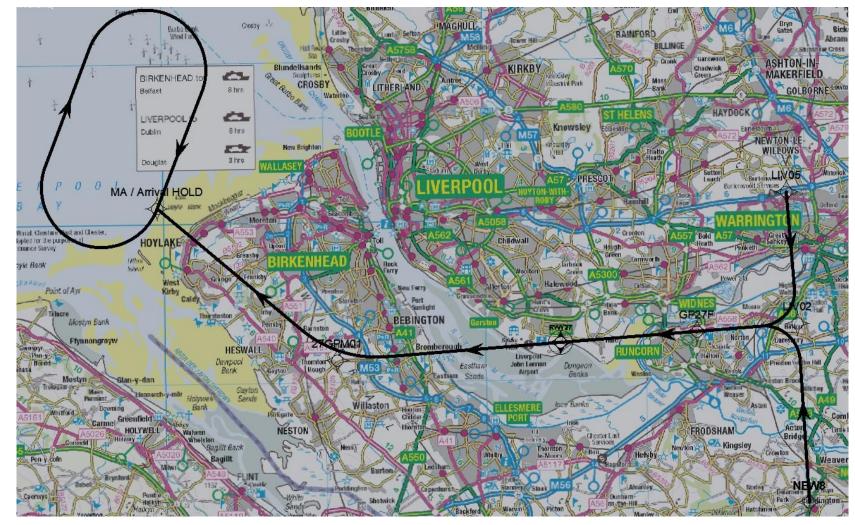
- West Sutton Winwick PRESCOT Burtonwood AGGER Leach Burtonwood Services EQ S Dallam CI 27AGG04 Fearnhe Rainhill Face Orford <sup>2</sup> Cronton Bold Great Childwall Sankey Heath Hough Penketh Green Farnworth ck Tarbock rry Woolton Green 45300 Power Stockton Halewood Allerton Ditton Higher Heath Walton. Grassendale Hunt's Walton Hale Moore inlight Cross Bank GHall Toll BEBINGTON Garstor Hatton A Norton GG Daresbury Speke . Hale Stre Castle ough RUNCOR Halton Liverpool Preston on the Hill John Lennon Eastham Dungeon 10 Airport Brook Banks Weston Eastham Sands 5
- A4.1 Runway 27 SID AGGER

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## A4.2 Instrument Approach Procedure Runway 27

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