



Norwich Western Link Airport Safeguarding Assessment Appendix 5: Wildlife Hazard Management Suitability Assessment

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1 Foreword

This document has been prepared to support compliance with all applicable UK legislation and aviation regulatory standards through guidance aimed to minimise features and activities that will support increased wildlife hazard risks for aircraft using Norwich Airport and its surrounding critical airspace.

The Applicant is responsible for ensuring delivery of the required measures in this document.

Any enquiries relating to this document are to be addressed to the Applicant.

2 Glossary of Abbreviations

DRA Design Risk Assessment

WH DRA Wildlife Hazard Design Risk Assessment

3 Reference Documents

See Appendix A and Appendix B for a list of all documents and plans used by the Applicant to support preparation of this Suitability Statement:



4 Introduction

In September 2022, the Applicant undertook a Wildlife Hazard Design Risk Assessment (WH DRA) of supplied plans and documents to develop an associated wildlife hazard management plan to support the planning application for the Proposed Scheme.

The Applicant engaged with Aviaire Limited which is a wildlife hazard management consultancy with subject matters experts in safeguarding aerodromes and aircraft against the risk of wildlife strikes to complete the WH DRA and prepare this Suitability Statement.

This Suitability Statement confirms designs and documents in the Proposed Scheme, as shared with Aviaire, adequately “guard against new or increased [wildlife] hazards” as per the requirements in the “Town & Country Planning (Safeguarded Aerodromes, Technical Sites And Military Explosives Storage Areas) Direction 2002 [Updated 2016]”. This serves as assurance for the local planning authority and Norwich Airport.

5 Suitability Statement

It is Aviaire’s opinion the Proposed Scheme adequately “guard against new or increased [wildlife] hazards”¹ for the “subject aerodromes” if Aviaire’s design risk assessment recommendations are fully adopted, and Aviaire’s Wildlife Hazard Management Plan is adopted and implemented in full.

This will support the commercial objectives for the project and compliance with both applicable statutory obligations and standard and recommended practices.

This will also satisfy wildlife hazard management expectations from local planning authorities, the “subject aerodromes” and objectives within local urban greening and biodiversity plans.

¹ Town and country planning (safeguarded aerodromes, technical sites and military explosives storage areas) direction 2002



6 Appendix

6.1 Appendix A - Project Documents

Table 3-1: Reference Project Documents

ID	Project Document Reference	Planning Document Reference	Document Title
1.	PK1002-RAM-SBR-GB1-DR-CB-1701	2.06.05	The Broadway Green Bridge General Arrangement Sheet 1 of 2
2.	PK1002-RAM-SBR-GB1-DR-CB-1702	2.06.05	The Broadway Green Bridge General Arrangement Sheet 2 of 2
3.	PK1002-RAM-SBR-GB2-DR-CB-1701	2.06.06	Foxburrow Plantation Green Bridge General Arrangement Sheet 1 of 2
4.	PK1002-RAM-SBR-GB2-DR-CB-1702	2.06.06	Foxburrow Plantation Green Bridge General Arrangement Sheet 2 of 2
5.	PK1002-RAM-SBR-GB4-DR-CB-1701	2.06.07	Additional Green Bridge General Arrangement Sheet 1 of 2
6.	PK1002-RAM-SBR-GB4-DR-CB-1702	2.06.07	Additional Green Bridge General Arrangement Sheet 2 of 2
7.	PK1002-RAM-SBR-GB5-DR-CB-1701	2.06.08	NWL Nursery Woodland Green Bridge Alignment Refinement GA Sheet 1
8.	PK1002-RAM-SBR-GB5-DR-CB-1702	2.06.08	NWL Nursery Woodland Green Bridge Alignment Refinement GA Sheet 2
9.	PK1002-RAM-SBR-BR2-DR-CB-1791	2.06.02	Ringland Lane Bridge BR2 - Alignment Refinement - General Arrangement Sheet 1 of 2



ID	Project Document Reference	Planning Document Reference	Document Title
10.	PK1002-RAM-SBR-BR2-DR-CB-1792	2.06.02	Ringland Lane Bridge BR2 - Alignment Refinement - General Arrangement Sheet 2 of 2
11.	PK1002-RAM-SBR-BR1-DR-CB-1795	2.06.01	NWL River Wensum Viaduct BR1 AIP General Arrangement Sheet 1 of 2
12.	PK1002-RAM-SBR-BR1-DR-CB-1796	2.06.01	NWL River Wensum Viaduct BR1 AIP General Arrangement Sheet 2 of 2
13.	NCCT41793-RAM-SBR-BR1-DR-CB-1798	2.06.01	NWL River Wensum Viaduct BR1 AIP Articulation & Bearings Details
14.	PK1002-RAM-ELS-MLE-DR-NZ-0002	2.07.00	NWL Road Alignment Refinement Landscape Layout Sheet 1
15.	PK1002-RAM-ELS-MLE-DR-NZ-0003	2.07.00	NWL Road Alignment Refinement Landscape Layout Sheet 2
16.	PK1002-RAM-ELS-MLE-DR-NZ-0004	2.07.00	NWL Road Landscape Layout Sheet 3
17.	PK1002-RAM-ELS-MLE-DR-NZ-0005	2.07.00	NWL Road Landscape Layout Sheet 4
18.	PK1002-RAM-ELS-MLE-DR-NZ-0006	2.07.00	NWL Road Landscape Layout Sheet 5
19.	PK1002-RAM-ELS-MLE-DR-NZ-0007	2.07.00	NWL Road Landscape Layout Sheet 6
20.	PK1002-RAM-ELS-MLE-DR-NZ-0008	2.07.00	NWL Road Landscape Layout Sheet 7
21.	PK1002-RAM-ELS-MLE-DR-NZ-0009	2.07.00	NWL Road Landscape Layout Sheet 8



ID	Project Document Reference	Planning Document Reference	Document Title
22.	PK1002-RAM-ELS-MLE-DR-NZ-0010	2.07.00	NWL Road Landscape Layout Sheet 9
23.	PK1002-RAM-ELS-MLE-DR-NZ-0011	2.07.00	NWL Road Landscape Layout Sheet 10
24.	PK1002-RAM-HDG-MLE-SG-DZ-0001	4.04.00	Drainage Strategy
25.	PK1002-RAM-HGN-MLE-DR-CH-0002	2.03.00	Norwich Western Link General Arrangement Sheet 1 of 5 - Zoomed out
26.	PK1002-RAM-HGN-MLE-DR-CH-0003	2.03.00	Norwich Western Link General Arrangement Sheet 2 of 5 - Zoomed out
27.	PK1002-RAM-HGN-MLE-DR-CH-0004	2.03.00	Norwich Western Link General Arrangement Sheet 3 of 5 - Zoomed out
28.	PK1002-RAM-HGN-MLE-DR-CH-0005	2.03.00	Norwich Western Link General Arrangement Sheet 4 of 5 - Zoomed out
29.	PK1002-RAM-HGN-MLE-DR-CH-0006	2.03.00	Norwich Western Link General Arrangement Sheet 5 of 5 - Zoomed out
30.	PK1002-RAM-SBR-BR1-DR-CB-1797	2.06.01	NWL River Wensum Viaduct BR1 AIP Abutment Layout
31.	PK1002-RAM-HGN-MLE-DE-CH-0001	2.04.00	Norwich western link road typical cross sections sheet 1
32.	PK1002-RAM-HGN-MLE-DE-CH-0002	2.04.00	Norwich western link road typical cross sections sheet 2



ID	Project Document Reference	Planning Document Reference	Document Title
33.	PK1002-RAM-HGN-MLE-DE-CH-0003	2.04.00	Norwich western link road typical cross sections sheet 3
34.	PK1002-RAM-HGN-MLE-DE-CH-0004	2.04.00	Norwich western link road typical cross sections sheet 4
35.	PK1002-RAM-HGN-MLE-DE-CH-0005	2.04.00	Norwich western link road typical cross sections sheet 5
36.	PK1002-RAM-HGN-MLE-DE-CH-0006	2.04.00	Norwich western link road typical cross sections sheet 6
37.	NCCT41793-RAM-HGN-MLE-DR-CH-2681	2.05.00	Alignment Refinement Southbound Longitudinal Section Sheet 01
38.	NCCT41793-RAM-HGN-MLE-DR-CH-2682	2.05.00	Alignment Refinement Southbound Longitudinal Section Sheet 02
39.	NCCT41793-RAM-HGN-MLE-DR-CH-2683	2.05.00	Alignment Refinement Southbound Longitudinal Section Sheet 03
40.	NCCT41793-RAM-HGN-MLE-DR-CH-2684	2.05.00	Alignment Refinement Southbound Longitudinal Section Sheet 04
41.	NCCT41793-RAM-HGN-MLE-DR-CH-2685	2.05.00	Alignment Refinement Southbound Longitudinal Section Sheet 05
42.	NCCT41793-RAM-HGN-MLE-DR-CH-2686	2.05.00	Alignment Refinement Northbound Longitudinal Section Sheet 06
43.	NCCT41793-RAM-HGN-MLE-DR-CH-2687	2.05.00	Alignment Refinement Northbound Longitudinal Section Sheet 07
44.	NCCT41793-RAM-HGN-MLE-DR-CH-2688	2.05.00	Alignment Refinement Northbound Longitudinal Section Sheet 08
45.	PK1002-RAM-HGN-MLE-DR-CH-2689	2.05.00	Alignment Refinement A1067 Fakenham Road Longitudinal Section Sheet 01



ID	Project Document Reference	Planning Document Reference	Document Title
46.	PK1002-RAM-HGN-MLE-DR-CH-2690	2.05.00	Alignment Refinement A1067 Fakenham Road Longitudinal Section Sheet 02
47.	PK1002-RAM-HGN-MLE-DR-CH-2691	2.05.00	Alignment Refinement Ringland Lane Longitudinal Section Sheet 01
48.	PK1002-RAM-HGN-MLE-DR-CH-2606	2.05.00	NWL Long Section Northbound Sheet 5
49.	PK1002-RAM-HGN-MLE-DR-CH-2607	2.05.00	NWL Long Section Southbound Sheet 6
50.	PK1002-RAM-HGN-MLE-DR-CH-2608	2.05.00	NWL Long Section Southbound Sheet 7
51.	PK1002-RAM-HGN-MLE-DR-CH-2609	2.05.00	NWL Long Section Southbound Sheet 8
52.	PK1002-RAM-HGN-MLE-DR-CH-2610	2.05.00	NWL Long Section Sheet 9
53.	PK1002-RAM-HGN-MLE-DR-CH-2611	2.05.00	NWL Long Section Sheet 10
54.	PK1002-RAM-HGN-MLE-DR-CH-2612	2.05.00	NWL Long Section Sheet 11
55.	PK1002-RAM-HGN-MLE-DR-CH-2613	2.05.00	NWL Long Section Sheet 12
56.	NCCT41793-RAM-ELS-ZZZ-DE-NZ-0091	2.07.00	Norwich Western Link Landscape Detail 1
57.	NCCT41793-RAM-ELS-ZZZ-DE-NZ-0093	2.07.00	Norwich Western Link Landscape Detail 3



6.2 Appendix B – Other Key Reference Documents

See Table 3-2 for a list of other key Reference documents used by the Applicant to support preparation of this Suitability Statement:

Table 3-2: Other Key Reference Documents

Author	Document Title
Aerodrome Operators Association (AOA)	Advice Note 1 – Aerodrome Safeguarding an Overview (2016)
Aerodrome Operators Association (AOA)	Advice Note 3 – Wildlife Hazards (2016)
International Civil Aviation Organization (ICAO)	Document 9137, Airport Service Manual, “Part 3 - Wildlife Control & Reduction”, 2020 (5th Edition)
UK Civil Aviation Authority (CAA)	CAP 738 - Safeguarding of Aerodromes, October 2020 (Issue 03)
UK Civil Aviation Authority (CAA)	CAP 772 - Wildlife Hazard Management at Aerodromes, 2017 (Issue2)
UK Department of Transport:	Town and country planning (safeguarded aerodromes, technical sites and military explosives storage areas) direction 2002; Updated 22 December 2016