

Safety Recommendation Number:	IRLD2021044
AAIU Event Reference:	IRL00917016
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Safety Recommendation Status:	Implemented, closed

Safety Recommendation:

CHCI should review its training syllabi and operations manuals to increase crew awareness of automation and cognitive bias, and as far as possible to provide strategies for recognising and combatting these threats.

Response:

On 01 February 2022, and in subsequent engagement with the AAIU, the Operator provided the following response to this Safety Recommendation:

"The issue of automation bias is covered in the Operators CRM training. The Operator has also expanded the Degraded Visual Environment approach checks and formalised the briefing format to incorporate the full crew concept both of which, in association with the CRM training, contribute to the mitigation of the risk of automation bias.

Cognitive Bias elements are covered in CRM modules CRM001/004/009/011/012 as part of the 3-year CRM matrix. Year 3 of the CRM matrix includes automation and the philosophy of its use CRM012

Additionally, the OMF has been amended, at section 8.4.4.1.3, to remind crews that while maximum use shall be made of automation, they should remain cognisant of the potential for automation bias.

The OMA also includes, at section 8.3.17.3.2, guidance on autopilot coupler modes and the importance of applying Crew Resource Management principles to exploit the benefits of crew concept in combatting potential automation bias."

AAIU Comment:

The AAIU Notes the Operator's response of 01 February 2022.

In addition the Investigation notes that, in relation to the Safety Recommendations made to the Operator, the IAA informed the Oireachtas Joint Committee on Transport and Communications that 'the IAA will track these recommendations and ensure that they are appropriately implemented.'

The AAIU considers the status of this Safety Recommendation to be 'Implemented-Closed'.