

Safety Recommendation Number:	IRLD2018005
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Safety Recommendation Status:	Implemented, closed

Safety Recommendation:

BAE Systems should review the ram air non-return valve installation procedures contained in AMM section 21-51-14 with a view to more clearly highlighting the importance of the correct orientation of the valve.

Response:

ON 25 June 2018 BAE Systems responded to the AAIU by letter advising that:

AMM 21-51-14 (Valve – Non-Return (Ram Air) Maintenance Practices) will be revised by BAE Systems in order to more clearly highlight the importance of the correct orientation of the valve. The AMM revision is planned to be issued in December 2018.

Update 12 August 2019:

BAE Systems updated the BAe 146 Series/Avro 146-RJ Series AMM in March 2019.

Section 21-51-14 now includes the following warning in “Section C. Install non-return valve”.

“WARNING: INCORRECT INSTALLATION OF THE NON-RETURN VALVE WILL RESULT IN THE INOPERABILITY OF RAM AIR WHEN REQUESTED DURING FLIGHT. REFER TO FIG.201 AND ENSURE THAT THE NON-RETURN VALVE OPENS IN THE DIRECTION OF AIRFLOW – FROM OUTSIDE THE AIRCRAFT TO THE INSIDE”.

AAIU Comment:

The AAIU considers the status of this safety recommendation as “Implemented, closed”.