

Follow-up Action on Occurrence Report

ACCIDENT TO OV-10B BRONCO, G-BZGK, AT COTSWOLD (KEMBLE) AIRPORT,
GLOUCESTERSHIRE ON 10 JULY 2012

CAA FACTOR NUMBER : F1/2014
FACTOR PUBLICATION DATE : 24 March 2014
TYPE OF FLIGHT : Private
CAA OCCURRENCE NUMBER : 201207790
AAIB REPORT : Bulletin 1/2014

SYNOPSIS

From AAIB Report

The pilot was performing a display practice during which he attempted a barrel roll. Approaching the inverted position, at the top of the manoeuvre, the nose of the aircraft dropped below the horizon and the aircraft entered a steep descent. The pilot pulled back on the control column, to recover to level flight, but there was insufficient height available and the aircraft struck the ground in an approximately level, upright attitude with a high rate of descent. There was an immediate post impact fire but the RFFS were on standby and reached the aircraft rapidly. The pilot suffered serious injuries.

The investigation identified areas of concern in the granting of regulatory approvals and authorisations, and subsequent related audits.

FOLLOW UP ACTION

Recommendation 2014-001

It is recommended that the Civil Aviation Authority revise Civil Aviation Publication 403, *Flying Displays and Special Events: A Guide to Safety and Administrative Arrangements*, to ensure that the requirements in Form SRG 1301, Display Pilot Authorisation Application, for an initial application for a display authorisation, also apply to an application to extend the privileges of a display authorisation.

CAA Response

The CAA accepts this recommendation. Civil Aviation Publication 403 *Flying Displays and Special Events: A Guide to Safety and Administrative Arrangements* is currently under review and will be amended to reflect this recommendation. The application form SRG 1302 will be amended to reflect the change for Display Authorisation upgrades. This action is planned to be completed by December 2014.

CAA Status - Open

Recommendation 2014-002

It is recommended that the Civil Aviation Authority extend the requirement in Civil Aviation Publication 403, *Flying Displays and Special Events: A Guide to Safety and Administrative Arrangements*, for mentoring, as required during the application process for an initial Display Authorisation, to apply to the application process to extend those privileges.

CAA Response

The CAA accepts this recommendation. Civil Aviation Publication 403 *Flying Displays and Special Events: A Guide to Safety and Administrative Arrangements* will be amended to reflect this recommendation. The application forms SRG1301 and SRG 1302 will be amended to include the requirement for mentoring during the initial and upgrade process for Display Authorisations. This action is planned to be completed by December 2014.

CAA Status – Open

Recommendation 2014-003

It is recommended that the Civil Aviation Authority revises its procedures for granting or amending approvals under Civil Aviation Publication 632 and Civil Aviation Publication 553, Chapter A8-20, to ensure consultation takes place between the Flight Operations and Airworthiness capability teams of the Safety and Airspace Regulation Group.

CAA Response

The CAA accepts this recommendation. Civil Aviation Publication 632; Operation of “Permit to Fly” Ex-Military Aircraft on the UK register will be reviewed and amended to reflect this recommendation.

Additionally, the CAA is in the process of transitioning organisations approved in accordance with Civil Aviation Publication 553 Chapter A8-20 to revised approvals in accordance with new Chapters A8-23, A8-24 and A8-25. As part of this process the CAA will review and amend the procedures supporting these approvals to reflect this recommendation. This action is planned to be completed by December 2014.

Furthermore, the consultation element of the recommendation will also be addressed by the formation of the Safety and Airspace Regulation Group’s General Aviation Unit. This Unit will be responsible for all the approvals referenced in this recommendation that were previously granted separately by the SARG Flight Operations and Airworthiness Capability Teams.

CAA Status – Open

Recommendation 2014-004

It is recommended that the Civil Aviation Authority revises its procedures for auditing approvals which have been granted under Civil Aviation Publication 632 and Civil Aviation Publication 553, Chapter A8-20, to ensure that audits completed by the Flight Operations and Airworthiness capability teams of the Safety and Airspace Regulation Group are conducted in a coordinated manner, so that all aspects of the operation and maintenance are adequately assessed.

CAA Response

The CAA accepts this recommendation. Civil Aviation Publication 632; Operation of “Permit to Fly” Ex-Military Aircraft on the UK register will be reviewed and amended to reflect this recommendation.

Additionally, the CAA is in the process of transitioning organisations approved in accordance with Civil Aviation Publication 553 Chapter A8-20 to revised approvals in accordance with new Chapters A8-23, A8-24 and A8-25. As part of this process the CAA will review and amend the procedures supporting these approvals to reflect this recommendation. This action is planned to be completed by December 2014.

Furthermore, the audit co-ordination element of the recommendation will also be addressed by the formation of the Safety and Airspace Regulation Group's General Aviation Unit. This Unit will be responsible for all the approvals referenced in this recommendation that were previously granted separately by the SARG Flight Operations and Airworthiness Capability Teams.

CAA Status – Open