

# EXTERNAL MIRROR SYSTEM

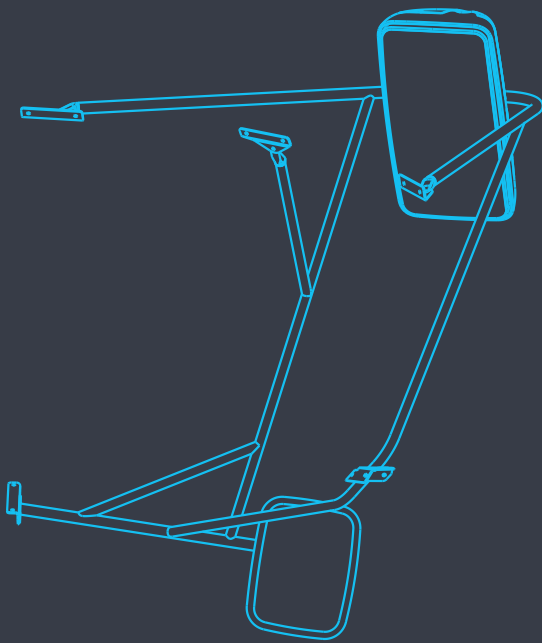
EASA-STC 10066894



EXTERIOR PARTS



Advanced Aerospace Developments



Art.-N°: 01EMS

This **External Mirror System** for External Load Operations has been designed based on operator's needs and experiences to offer our customers the most versatile system currently available on the market.

The External Mirror System consists of two mirrors attached to the nose of the helicopter by a metal frame. The larger main mirror at the top is heated and electrically adjustable by the pilot. Due to the large size of the mirror, the pilot has a wide field of view vertically, even in adverse conditions. The lower secondary mirror provides a clear wide-angle view towards the belly of the helicopter covering the skids and the main cargo hook.

## Stay *FOCUSED* in varying operating conditions:

- Easily adapt to different mission requirements, pilot sizes, seat positions or sling lengths by 4-way electrically adjustable main mirror
- Continuous visibility without fogging or icing ensured by main mirror heating
- Vertical visibility not obstructed by any struts, frame or fuselage
- Large field of view due to substantial mirror size
- Rigid frame that keeps mirrors free of blurring vibrations providing sharp vision
- Mirror stays positioned even in tight manoeuvres and at high speeds due to robust adjusting mechanism
- Main mirror pan control integrated into cyclic control stick

## Keep *READY* for changing missions:

- Unrestricted flight envelope and performance of helicopters
- Robust light-weight design
- Easily attachable and detachable within minutes
- Low maintenance and easy to inspect design increase helicopter availability
- Long life time due to durable materials and reliable components
- Mirror attached to the original OEM electrical fixed provisions

### EASA STC-designed and certified by:

Advanced Aerospace Developments GmbH  
 Willy-Messerschmitt-Str. 1  
 82024 Taufkirchen  
[www.aad-aero.com](http://www.aad-aero.com)

### Exclusive Distributor:

Intercopter GmbH  
 Willy-Messerschmitt-Str. 1  
 82024 Taufkirchen  
 fon: +49 89 649 5550-700 (-791 fax)  
[office@intercopter.de](mailto:office@intercopter.de)

**AAD**  
 AEROSPACE

EASA21J.527