



EASA
European Aviation Safety Agency

EASA managed projects

**Helicopter Safety Research
Management Committee**

9 May 2018

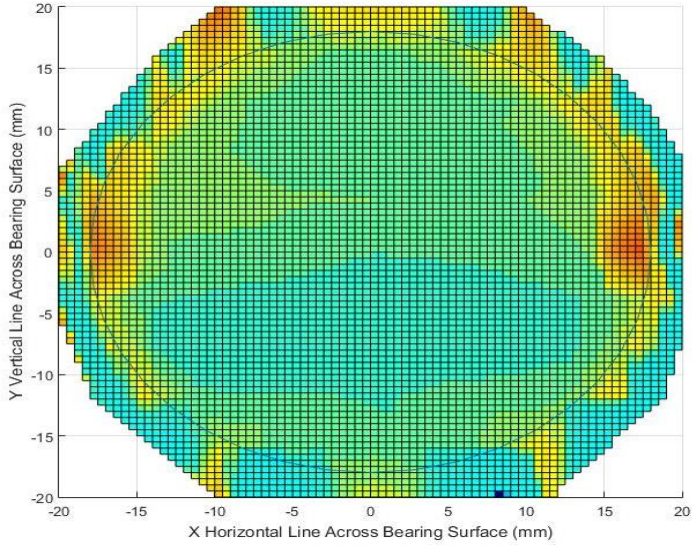
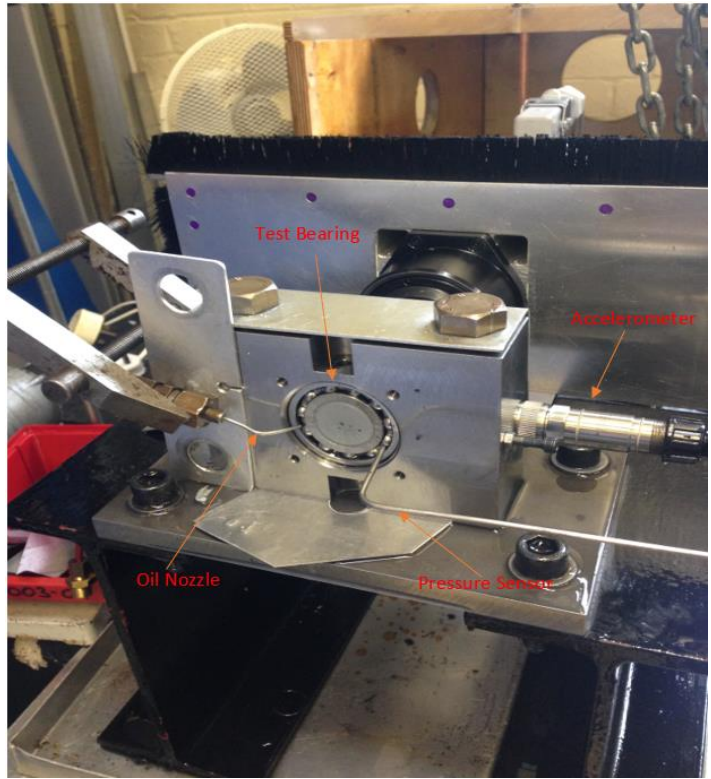
Your safety is our mission.

EASA is an agency of the European Union





➤ Wireless in-situ monitoring of epicyclic bearings



Windage test rig

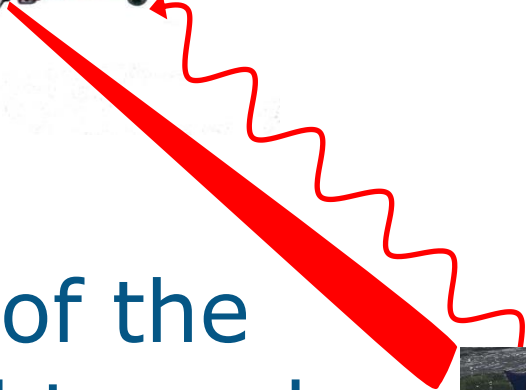


Ongoing – CIMSCY

Crew Immersion Suits Conspicuity



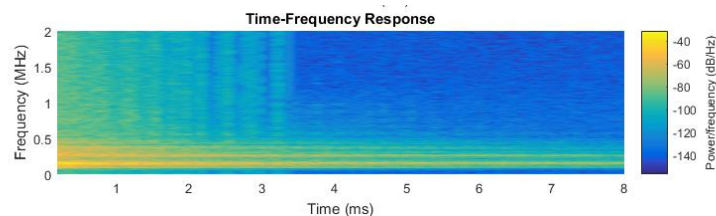
► IR mode of the searchlight used





Research Plan

- New technologies to improve prognostic health monitoring capability for gearbox failures.



- Preparation of an integrated strategy for improving transmissions reliability and safety standards. (Corrosion/Safety Assessment methodology/dry run capability/TBO)
- Identify elements within the design, qualification and manufacturing processes of Rotor and Rotor Drive Systems, whose improvement should result in improved performance in terms of reliability and tolerance to flaws.



EASA
European Aviation Safety Agency

Questions?

Your safety is our mission.

EASA is an agency of the European Union

