

## DAS Off-Site Projects

A Refresher

## Why is Location an Issue?

- DAS authority based in part on repair station's experience and capability performing alterations
- Moving away from the facility increases risk
  - Unfamiliar processes, personnel

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## What Do We Mean by Off-Site?

- On-site--
  - Repair station's fixed or satellite location identified on their certificate
  - Operator's authorized facilities/substantial maintenance providers for alterations

**Everything else is Off-Site!**

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DAS Off-Site Program Requirements

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## Can't a Repair Station Work Off-Site?

- 145.203 - Yes, a repair station is allowed to do work away from its fixed location if:
  - Necessary due to special circumstance
  - Necessary to perform the work on a recurring basis and the manual includes procedures

**and NO - Not for DAS Prototype Alterations**

*Order 8100.12*--Off-site prototype installations may be done only at certificated facilities (foreign or domestic repair station, air carrier, commercial operator, or manufacturer). The off-site facility must be authorized by the FAA to alter the product and to approve the altered product for return to service. A repair station DAS may not use the authority of 14 CFR §145.51(d) for "off-site" installations.

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## The Basics

- DAS off-site prototype alterations must be done *at* an appropriately rated facility
- The off-site facility will perform the installation work
- The DAS staff will perform the inspections and tests necessary to substantiate compliance, issue airworthiness certs, etc.
- The off-site facility returns the product to service after the alteration

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DAS Off-Site Program Requirements

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## So You Want to do Off-Site Projects

- Incorporate procedures in procedures manual
- Evaluate the off-site facility to ensure the criteria in 8100.12 par 9a-e are met
  - DAS staff members must perform or verify the evaluation findings

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## Only Some of the Specifics

- Off site equipment, tooling and processes must be equivalent to the DAS facility
- Inspection AR must be at the facility during any work affecting the prototype alteration
- Must use DAS's suppliers
- Special requirements for PNL

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DAS Off-Site Program Requirements

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## Limitations

- FAA must be able to perform any necessary involvement or surveillance
- The DAS has satisfactory experience on similar projects on the same product and model type
- DAS must *be capable of* performing the alteration at their facility
- Off-site facility has experience with the type of alteration and product

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**The End**