



# CIVIL AVIATION AUTHORITY MALAYSIA

## IN SERVICE DIFFICULTY REPORT (ISDR)

| Submitter Information              |                |
|------------------------------------|----------------|
| Date of Occurrence                 | 5 January 2021 |
| Aircraft Registration              | 9M-PTD         |
| Submitter Type                     | CAMO           |
| Organisation Approval / AML Number | CAMO/2016/03   |

| Additional Info   |                                      |
|---|--------------------------------------|
| If Submitter Type is CAMO   | General Aviation – Private Operation |
| If Submitter Type is AMO (Part 145/ Part M Subpart F)/ AML Holder | Choose an item.                      |
| If Submitter Type is POA  | Choose an item.                      |

### Major Equipment Identity

| Aircraft Details |                      |              |  |
|------------------|----------------------|--------------|--|
| Manufacturer     | Textron Aviation Inc |              |  |
| Model            | B300                 |              |  |
| Serial Number    | Total Time (Hours)   | Total Cycles |  |
| FL-680           | 1036:25              | 853          |  |

| Engine Details |                        |              |  |
|----------------|------------------------|--------------|--|
| Manufacturer   | Pratt & Whitney Canada |              |  |
| Model          | PT6A-60A               |              |  |
| Serial Number  | Total Time (Hours)     | Total Cycles |  |
| #1: PCE-PK0985 | #1: 3882:25            | #1: 2593     |  |
| #2: PCE-PK1184 | #2: 1036:25            | #2: 639      |  |

| Propeller Details |                    |              |  |
|-------------------|--------------------|--------------|--|
| Manufacturer      | Hartzell           |              |  |
| Model             | HC-B4MP-3C         |              |  |
| Serial Number     | Total Time (Hours) | Total Cycles |  |
| #1: FWA-4584      | #1: 2722:00        |              |  |
| #2: FWA-4585      | #2: 3193:50        |              |  |

| Problem Description   |
|---|
| <p>Propeller Governor part number 8210-310 with serial number 15679582 exceeded the 4100 hours overhaul (OH) time limit. The history of the component is detailed below:</p> <ol style="list-style-type: none"> <li>14.05.2008 – Fitted new on 9M-PTA FL-587 (TTSN: 0:0 hours)</li> <li>12.02.2016 – Removed and installed on 9M-PTD FL-680 (TTSN: 3155:21 hours)<br/>[Ref. PTD/015/02/16]</li> <li>18.07.2017 – Removed and installed on 9M-PTB FL-593 (TTSN: 3368:26 hours)<br/>[Ref. PTB/178/07/17]</li> <li>31.03.2020 – Removed and installed on 9M-PTD FL-680 (TTSN: <b>4504:11 hours</b>)<br/>[Ref. PTD/029/03/20]</li> <li>06.01.2021 – Component TTSN: <b>4590:16 hours</b></li> </ol> |

The CAMP system and aircraft record was not updated on 31.03.2020 on the component transfer from 9M-PTB FL-593 to aircraft 9M-PTD FL-680. On 01.04.2020, the CAMO for the aircraft was transferred to Galaxy Aerospace (M) Sdn Bhd. Due to improper record update, there is inconsistencies between the aircraft records and aircraft physical which led to the exceedance of the overhaul limit.

| <b>ISDR Information</b>  |                          |
|--------------------------|--------------------------|
| ATA Code                 | 61 PROPELLERS/PROPULSORS |
| Sub ATA Code             | 61-20                    |
| How Discovered           | O – Other                |
| Nature of Condition      | O – Other                |
| Precautionary Procedures | O – Other                |

| <b>Supporting Document Details</b> |   |
|------------------------------------|---|
| Type of Document                   | <input type="checkbox"/> Hardcopy <input type="checkbox"/> Softcopy |
| Document Name                      |   |
| Document Reference Number          |   |

| <b>Specific Part or Structure Causing Difficulty</b> |                                    |
|--|------------------------------------|
| Part Name  | Propeller Governor                 |
| Part No.   | 8210-310                           |
| Part Condition                                       |                                    |
| Time Since (Hours)                                   | New   Overhaul/ Repair/ Inspection |
| Manufacturer's Name                                  | Pratt & Whitney Canada             |
| Serial No.   | 15679582                           |
| Part Detect Location                                 | Others (Please state)              |
| *If Other Location                                   | Engine #1                          |
| Total Time (Hours)                                   | 4590:16                            |
| Total Cycles   |                                    |

| <b>Component Assembly That Includes Defective Part</b> |                              |
|--|------------------------------|
| Component Name   |                              |
| Part No.   |                              |
| Model Number   |                              |
| Time Since (Hours)                                     | Overhaul/ Repair/ Inspection |
| Manufacturer's Name                                    |                              |
| Serial No.   |                              |
| Location   |                              |
| Total Time (Hours)                                     |                              |
| Total Cycles   |                              |

| <b>Declaration</b>   |  |
|--|--|
| <input checked="" type="checkbox"/> I hereby declare that all the particulars given above are true and correct |  |
| Applicant's Name   |  |
| Contact Number   |  |
| Email Address  |  |

Note: This report must be submitted to individual organisation's primary inspector through email and fax (+603-8871 4069).