**ASSESSMENT SHEET - *MSG-3 TASK***

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| ***General information*** | | | | | | | | | |
| Ref. sheet: | AS\_MSG3\_H175\_N001 | | Open date: | | 17/02/2022 | | Target date: | | 27/03/2022 |
| *Please, address your response to one of these contacts below:* | | | | | | | | | |
| AH contact: | **Frédéric REYNAUD**  AH ISC co-chairman – MSG-3 H175  mail : [frederic.reynaud@airbus.com](mailto:frederic.reynaud@airbus.com)  Phone: +33 442 782 895 | | | | **Nicolas REVERCHON**  AH Working Group Manager – MSG-3 H175  mail : [nicolas.reverchon@airbus.com](mailto:nicolas.reverchon@airbus.com)  Phone: +33 442 754 260 | | | | |
| ***Customer Data*** | | | | | | | | | |
| Company : | | | | | | | | | |
| Customer contact : | | | | | | | | | |
| Number of H175 in service: | | | | Cumulated FH : | | | | | |
| Atmosphere |  |  | |  | |  | |  | |
| Normal | Salt laden | | Tropical and damp | | Sand/Dust laden | | Volcanic ashes | |

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| **Task under assessment** | | | | | |
| Ref. MSG-3 (1) | Description(1) | Interval MSG-3(1) | Ref. MSM/ALS (2)(3) | Interval MSM/ALS(2)(3) | Work cards(4) |
| 62-20-T20  62-20-I02 | DET of spherical bearing bolt and spherical bearing | 450 FH // 78 MO | 62/21/00/MRB/000/000  62/21/00/000/000/040 | 400 FH // 6 Yrs  400 FH // 2 Yrs | AMM 62-25-00, 6-1  AMM 62-25-00, 6-4 |
|  | | | | | |
| AH Comments:  *In-service data recorded in the Maintenance Information Systems about the anti-fretting shims seems not to be in line with their consumption. Could you pay particular attention and give us your feedback by the means of this sheet ?*  *This part’s degradation is one of the main obstacle for extension to a higher interval (i.e. 800 FH)* | | | | | |

*(1) Extract from MSI 62-20 issue K and SSI 62-20 issue F; (2) Extract from MSM EC175B NR 019; (3) Extract from ALS EC175B NR 020*

*(4) Extract from AMM EC175B NR 015*

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| --- | --- | --- | --- |
|  | YES | NO | Comments |
| Do you perform the task above? |  |  |  |
| Do you replace systematically the anti-fretting shim during the performance of the task |  |  |  |

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| **RETEX about anti-fretting shims at 400 operating hours** | | |
| *If you do not have data yet or enough detailed data to answer to the questions hereafter, could you pay particular attention during the next performance of the task and give us your feedback?* | | |
| Could you indicate the average level of degradation of the anti-fretting shims at 400 operating hours ? | | |
| * Level 1: Small damage of anti-fretting shims (0 to 10% of degradation, protection still ensured over the entire surface) | |  |
| * Level 2: Medium damage of anti-fretting shims (10% to 50% of degradation) | |  |
| * Level 3: Hard damage of anti-fretting shims (>50% of degradation) | |  |
| Could you indicate the degradation found on interfaced parts at 400 FH ? | | |
| Loss of varnish on hub interface | 0-10 %  10% -30 %  > 30%  of surface | |
| Loss of varnish on spherical bearing interface | 0-10 %  10% -30 %  > 30%  of surface | |
| Fretting found on hub interface *(base metal)* | Never  Occasionally  Systematically | |
| Fretting found on spherical bearing interface *(base metal)* | Never  Occasionally  Systematically | |
| Comments / Justifications / Photos : | | |