

**Subject:** Rough engine run and vibrations which may cause engine case cracks.

**Affected engine models:** All engine models

## SL 1700 EA

**Background information:** Occasional occurrence of engine case cracks at aft right side below upper engine mount. The cracks have been detected at engines which have been replaced after 1,000 operating hours. These engine showed that the propeller had been in contact not only with the propeller hub but also with the starter disk (spinner attachment ring) (see sketch).

**Priority:** Within the next 25 operating hours.

**Compliance:** Check distance between propeller and starter disk front edge by means of a feeler gauge. If the distance is less than 0.3 mm mount an aluminum disk of 1 mm thickness between propeller and starter disk. P/N: 17.03.035 B.

**Remarks:** Record compliance in aircraft logbook. Note correct propeller track.

This document has been translated to the best of our knowledge. In case of doubt however only the German original shall be considered authoritative.

**LBA approved:** May 13, 1981

