



HUNGARY
ATP 3.3.4.2. (C)

**STANDARDS RELATED DOCUMENT
(SRD)**

13 September 2017

NATIONAL SRD - Hungary

1. **Introduction.**

The Hungarian Air Force (HUNAF) operates only receiver aircraft, the SAAB made JAS-39 C/D EBS HU Gripen jet.

Tanker compatibility list:

- ✓ FAF C-135FR
- ✓ SwAF C-130E (TP-84T) CAT III
- ✓ DEU A310 MRTT CAT III
- ✓ US KC-135 CAT III
- ✓ US KC-10
- ✓ ItAF KC-767A

2. **AAR POCs.**

a. **POC for National SRD.**

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b. **POC for Receiver Clearances.**

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5. **National SRD Last Updated.**

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6. **Receiver specific data.**

- a. The JAS-39 C/D GRIPEN has a telescopic retractable AAR probe located above the left air intake.
- b. During contact the drogue edge is approximately 30cm (11in) from the canopy.



WARNING

AAR USING THE BOOM DROGUE ADAPTOR (BDA) IS PROHIBITED DUE TO THE POSITION OF THE PROBE.

- c. The HUNAF operated GRIPEN is not equipped with probe light.



WARNING

NIGHT AAR IS PROHIBITED.

- d. MA-3 or MA-4 couple required.
- e. Primary fuel is F-34 (JP-8) and F-35 (JP-1). The receiver pilot shall be informed by the tanker crew when JET-A1 fuel is transferred to register flight hours.
- f. AAR shall not occur in turbulence greater than light.
- g. Maximum receiver closure speed is 2kts.

- h. The optimum airspeed during AAR is 280 kts.
- i. AAR envelope:
 - 185 kts – 325 kts at altitudes up to 25.000' MSL.
 - 200 kts – 325 kts / M0.90 at altitudes from 25.000' MSL to 33.000' MSL.
- j. Maximum altitude during AAR is 33.000' MSL.
- k. Extended probe speed limit is 390 kts / M0.90.
- l. The AAR envelope assumes level flight or normal (30°) turns when connected to the drogue.

NOTE

A PIN LOCATED ON THE LOWER SIDE OF THE PROBE, BEHIND THE NOZZLE, COULD CAUSE DAMAGE TO THE DROGUE CANOPY. AFTER AN AAR MISSION WITH THE GRIPEN MAINTENANCE SHOULD INSPECT THE DROGUE ASSEMBLY FOR CANOPY TEARS AND OTHER DAMAGE.