**S.O.A.R. Terminology**

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| **SOAR Student Design Challenge**  **Or**  **Design Challenge** |  | This refers to the NASA SOAR student challenge for the Experiment Data Recorder. |
| **Independent Experiment** |  | This refers to experiments proposed by an individual student team. They are proposed to NASA Aircraft Operations and may fly on the WB-57 as part of SOAR based on NASA AOD approval. |
| **Test Flight** |  | This refers to the first SOAR flight on the WB-57. It will be short duration (~2 hours) up to approx. 50,000 feet. The intent is for this to be a check-out flight and “shake down” for the equipment to allow the student teams to identify any problems with their experiment and provide a brief window for trouble-shooting. |
| **Operational Flights** |  | This refers to the full SOAR experiment flights up to ~4 hours and 60,000 feet with the flight lasting up to -4 hours. |