



AEROSPACE INFORMATION REPORT

AIR818™**REV. E**

Issued	1963-03
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Stabilized	2020-02

Superseding AIR818D

Aircraft Instrument and Instrument System
Standards: Wording Terminology, Phraseology,
Environment and Design Standards For

RATIONALE

This Technical Report contains no changes from the previous revision, other than the addition of a Stabilization Notice Page. This document has been determined to contain stable technical information which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE A-4 Aircraft Instruments Committee and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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FOREWORD

Changes in this Revision are format/editorial only.

INTRODUCTION

This Aerospace Information Report, (AIR) is intended to provide the sponsors of Aerospace Standards, (AS), with standard wording, formatting, and minimum environment and design requirements for use in the preparation of their document.

The individual shall use only those parts of this AIR which apply to their particular document. The individual sponsor may expand the standard wording, especially under Sections 4, 5, and 6 as required.

The paragraphs of this AIR shall be used verbatim wherever possible.

Unless otherwise directed by SAE, cross referenced documents shall be called out by specific revision letter, e.g. "shall be in accordance with ASXXXXB." In addition, all non-SAE documents called out shall include the document title when initially identified in Section 2. However, every effort shall be made to keep cross-referencing to an absolute minimum.

TITLE

The title shall be in uppercase lettering and may include an alternate common usage title in parenthesis.

VERTICAL VELOCITY INSTRUMENT (Rate-of-Climb)

When the particular document has a restrictive application, that restriction shall appear in the title in parenthesis.

LATERAL VELOCITY INSTRUMENT SYSTEM (Rotary Wing Aircraft Only)

unless otherwise directed by SAE, the document shall be structured as described in this AIR. In those instances where the major section is not applicable, the major section will be listed and the non-applicability noted, e.g.

8. Individual Tests

This section is not applicable to this document.

MINIMUM PERFORMANCE STANDARDS

1. SCOPE:

This AS covers _____ which measure and display _____

or

This AS covers _____ basic types of (no capitals) instruments as follows:

TYPE I: _____

TYPE II: _____

Note: Each type number to be followed by a brief description as it would if the scope were covering only a single type. As many types as required may be used.

1.1 Purpose:

This Aerospace Standard, (AS), specifies minimum performance standards for _____ (Instrument or instrument systems) which are primarily intended for use with (vehicles capable of flight), ((fixed wing, rotary wing) aircraft)), (other special modifiers); (and whose purpose is to display _____ information).

2. APPLICABLE DOCUMENTS:

The following documents shall form a part of this standard to the extent specified. In event of conflict between these documents and this standard, the contents of this standard shall govern.

2.1 Federal Air Regulations:

List all appropriate Federal Aviation Agency documents identifying them by document number and date of issue.