

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 103

withdrawn 1980

SIZES AND MOUNTING DIMENSIONS OF AIRCRAFT INSTRUMENT CASES (REAR-MOUNTING TYPE)

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BRIEF HISTORY

The ISO Recommendation R 103, *Sizes and Mounting Dimensions of Aircraft Instrument Cases (Rear-Mounting Type)*, was drawn up by Technical Committee ISO/TC 20, *Aircraft*, the Secretariat of which is held by the British Standards Institution (B.S.I.).

This ISO Recommendation is based on proposals made by the French Member Body and adopted by the Technical Committee during its third meeting, held in Amsterdam, in November 1953. The following Member Bodies took part in this meeting:

Belgium	Italy	Switzerland
France	Netherlands	United Kingdom

On 31 October 1956, the Draft ISO Recommendation proposed by ISO/TC 20 was distributed to all the ISO Member Bodies and was approved, subject to some minor amendments, by the following 21 (out of a total of 38) Member Bodies:

*Belgium	Ireland	Portugal
Bulgaria	Italy	Romania
*Finland	Japan	Spain
France	*Mexico	*Sweden
Germany	Netherlands	*Union of South Africa
*Greece	*New Zealand	U.S.A.
India	Pakistan	Yugoslavia

One Member Body opposed the approval of the Draft: Canada.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in February 1959, to accept it as an ISO RECOMMENDATION.

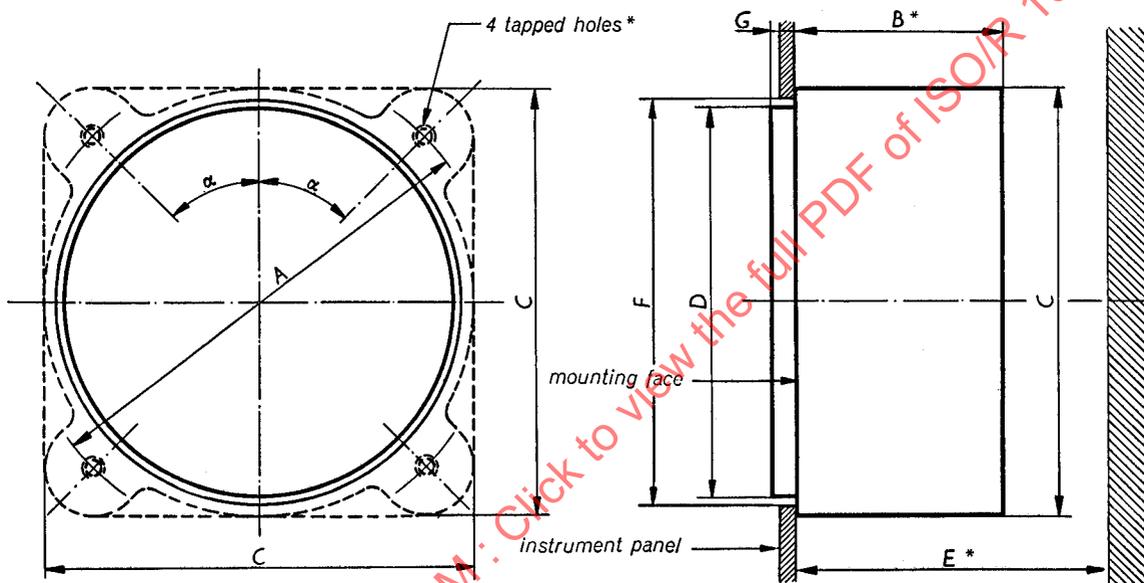
* These Member Bodies stated that they had no objection to the Draft being approved.

SIZES AND MOUNTING DIMENSIONS OF AIRCRAFT INSTRUMENT CASES (REAR-MOUNTING TYPE)

The dimensions of aircraft instrument cases of the screw-mounting and rear-mounting type are as shown in Table 1, page 3.

Details of the panel-mounting holes are given in Table 2, page 4; cut-outs to accommodate control knobs are not required.

TABLE 1. — Case sizes



Nominal size of case		A		C max.		D		G		α
Milli-metres	Inches	Milli-metres	Inches	Milli-metres	Inches	Milli-metres	Inches	Milli-metres	Inches	
39	1½	47.1 ±0.125	1.86 ±0.005	41.5	1.63	38.7 +0 -0.390	1.5 ±0.005	3 -0 -0.5	0.14 -0 -0.03	45° ±15'
57	2¼	66.7 ±0.150	2.625 ±0.005	61	2.36	57.2 +0 -0.460	2.25 ±0.005	3 -0 -0.5	0.14 -0 -0.03	45° ±11'
80	3⅛	89 ±0.175	3.50 ±0.005	83	3.23	79.4 +0 -0.460	3.125 ±0.005	3 -0 -0.5	0.14 -0 -0.03	45° ±8'

* The particular standards for each instrument specify the dimensions B and E and the tapped holes.

