

NOTIFICATION OF AUTHORIZED AMENDMENT (MAA-NAA- 15/05)

Document Set(s):	RA 4000 Series	Regulatory Article(s)/Manual Chapter(s)	RA 4101(2)
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RFC Reference	RFC 2014-305	NPA Reference	<i>No NPA issued</i>
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Amendment Author	MAA Reg CAw4 MAPLIS	Redacted	Redacted
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Amendment Classification (As per MAA SOP 20 Matrix)	Routine (1*/OF5)	Publishing Requirements:	ASAP
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AUTHORIZED AMENDMENT

1. RA 4101 relates to SHEF issues when personnel are required to be inside aircraft cabins for maintenance purposes during pressure testing. RA 4101(1) simply states that cabin pressure testing should be a controlled activity, with MAP-01 Chapter 3.3 referenced for AMC and GM. RA 4101(2) states that personnel should undertake no more than 3 tests in 12 hours; the same MAP-01 reference is provided for AMC and GM.
2. This is a SHEF issue rather than being specifically air safety related, and the authoritative medical guidance is contained in AP1269A (RAF Manual - Assessment of Medical Fitness). This Manual limits exposure to 1 test per 12 hour period and an RFC has been received noting this discrepancy. Investigations have established that there is no medical evidence available to underpin the 3 test per 12 hours, and medical advice is to amend the MAP-01 to the AP1269A figure, with a caveat to allow further tests on an 'as required' basis following suitable risk assessment.
3. Hence as an initial step to address this potential SHEF issue it is recommended that RA 4101(2) be amended to limit exposure to 1 test per 12 hours unless a risk assessment has been conducted. MAP-01 can then contain suitable clauses to reference and summarise the authoritative medical advice. This allows a 'quick fix', and Phase 2 of the ongoing Continuing Airworthiness Regulations overhaul will provide appropriate AMC and GM in due course.
4. RA 4101(2) Regulation should say: 'When personnel are required to be inside aircraft cabins and cockpits to conduct maintenance that directly supports pressure testing, they shall undertake only 1 maximum differential pressurization in a 12 hour period unless a dedicated risk assessment has been completed'.

ISSUE STATE CHANGES (if more lines required, contact the MRP Team)

Document Title	Previous Issue	New Issue
RA 4101(2) - Aircraft Cabin Pressure Testing: SHEF Precautions - Personnel Requirements	Initial Issue	To 2

APPROVAL	Post	<i>Dep Hd O&A 2</i>	Original, non redacted, signed
Approved by: (IAW MAA SOP 20 Matrix)	Name	Redacted	
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