

	Standard Modification Issue 1	Mod No. SM12265
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TITLE : Nosewheel Bearing Spacer

APPLICABILITY : **Vans RV-6A, -7A, -8A and -9A**

Mod Type : **At build or retro-fit**

1. Introduction

This modification introduces a machined spacer fitted between the nosewheel bearings' outer races to prevent over tightening of the axle bolt causing excessive bearing friction.

2. Parts List

Qty	Part No.	Description	Source
1		RV 'A' TYPE WHEEL SPACER	Briggs Airmotors or Gloster Air Parts

List of related documents

Document No.	Title / Description	Issue
	RV 'A' TYPE WHEEL SPACER DRAWING AND FITTING INSTRUCTIONS	1

3. Action

Install the nosewheel bearing spacer in accordance with the instructions supplied with the spacer.

4. Weight and Balance

	Weight (lb)	CG (in)	Moment
Existing A/C			
Weight Added	0.5	Measure	
Post Mod A/C			

The change in weight due to the spacer is very small. If other changes to the aircraft are made a full weight and balance may be necessary.

Amend the aircraft weight and balance schedule accordingly.

5. Flight Test and Special Instructions

No flight test is required.

6. Certification

Before the modified aircraft may be flown: -

- 1) An LAA inspector must check that the nosewheel does not have excessive play and is adequately free to rotate.
- 2) With the above found to be satisfactory, a build record book or logbook entry must be made, making reference to the modification number SM12265 and for aircraft with a Permit to Fly, the inspector must sign a Permit Maintenance Release (PMR).

Approved:	F Donaldson B.Tech C.Eng FRAeS Chief Engineer	Signed:	
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