

# Airbus A320 Rudder Trim Mechanism



MANTOGA

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## Summary

Realistic 30 degree sprung return rudder trim mechanism using microswitches

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Mechanism to create realistic 30 degree sprung movement for rudder trim knob. Works with pair of microswitches.

Designed to work with my Rudder Trim Knob:

[Airbus A320 Rudder Trim Knob by MANTOGA | Download free STL model | Printables.com](#)

Design is spaced away from panel to allow backlighting

Base and Top Cover can be printed in PLA, 50% infill. Cam Arm, Cam Actuators and Lower Shaft Clamp printed in PETG, 100% infill for strength.

Additional Parts required:

6mm Brass rod, 120mm length

(3) 12mm OD x 6mm ID x 4mm Thickness Sealed Bearings

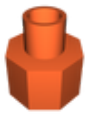
8mm diam x 30mm extension spring

M3 and M4 Cap Head Hex screws

M3 Grub screws

(2) 20mm x 11mm Microswitches

## Model files



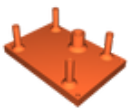
**rudder-trim-mechanism-ma16-lower-shaft-clamp.stl**

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**rudder-trim-mechanism-ma16-cam-arm.stl**

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**rudder-trim-mechanism-ma16-top-cover.stl**

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**rudder-trim-mechanism-ma16-cam-actuator.stl**

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**rudder-trim-mechanism-ma16-base.stl**

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