



SUBJECT: RAIL STEPS (P/N 350-500194/204)

Rail steps are installed to provide easy entry and exit for crew and passengers. They provide easier access to engine and transmission decks for daily checks and maintenance.

This Maintenance Manual Supplement covers the required maintenance action for the Rail Steps (350-500194/204).

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TABLE OF CONTENTS

CHAPTER	TITLE	PAGE
A	DESCRIPTION	4
B	INSPECTION SCHEDULE	4
C	OVERHAUL REQUIREMENTS	4
D	AIRWORTHINESS LIMITATIONS	4
E	REMOVAL	4
F	INSTALLATION	4

A. DESCRIPTION

Rail steps are installed to provide easy entry and exit for crew and passengers. They provide easier access to engine and transmission decks for daily checks and maintenance. The rail step can be installed in the field without problem.

This Maintenance Manual Supplement covers the required maintenance action for the Rail Steps Installation (P/N 350-500194 / 204).

B. INSPECTION SCHEDULE

No.	Inspection or Maintenance Work	Ref.	Interval	Remarks
1	Visually inspect Rail Steps for condition and secure mounting		Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Repair as necessary or replace
2	Visually inspect Mounting hardware and clamp for condition		Every 100 flight hours to coincide with the 100 hrs helicopter inspection	Repair as necessary or replace

Table 1. Inspection Schedule

C. OVERHAUL REQUIREMENTS

No overhaul requirement for this installation.

D. AIRWORTHINESS LIMITATIONS

No airworthiness limitations associated with this type design change.

E. REMOVAL

1. Remove nut (60, Figure 1) and washer (65) on fwd end of rail steps.

NOTE: Do not remove screws (55) and washers (65) at this time.

2. Remove nuts (60) and washers (65) from clamp screws (50) on aft mounting clamp.
3. Support Rail step by hand, remove inboard clamp half (30).
4. Remove both screws (55), and washers (65) from fwd end and lift rail step to bench

F. INSTALLATION

1. Place rail step into position and insert screws (55) with washers (65) into mounting holes in fwd end of rail step and skid tube assembly.
2. Install Washers (65), and nuts (60)

NOTE: Hand tighten nuts (60) only.

INSTALLATION (continued)

3. Apply thin coat of sealant (PR 1422 B2 or equivalent) to joining surfaces between rear clamp and skid tube prior to clamp (30) installation.
4. Position rear clamp (30) into position and secure using screws (50), washers (65) and nuts (60), hand tighten only at this time.
5. Using a spirit level ensure that the rail steps are parallel with the skid tubes.
6. Evenly torque screws on rear clamp in accordance with Eurocopter Standard Practice Manual, Volume 2, Chapter 20.02.05. 404, alternating between fasteners.
7. Evenly torque screws on fwd rail step in accordance with Eurocopter Standard Practice Manual, Volume 2, Chapter 20.02.05. 404.

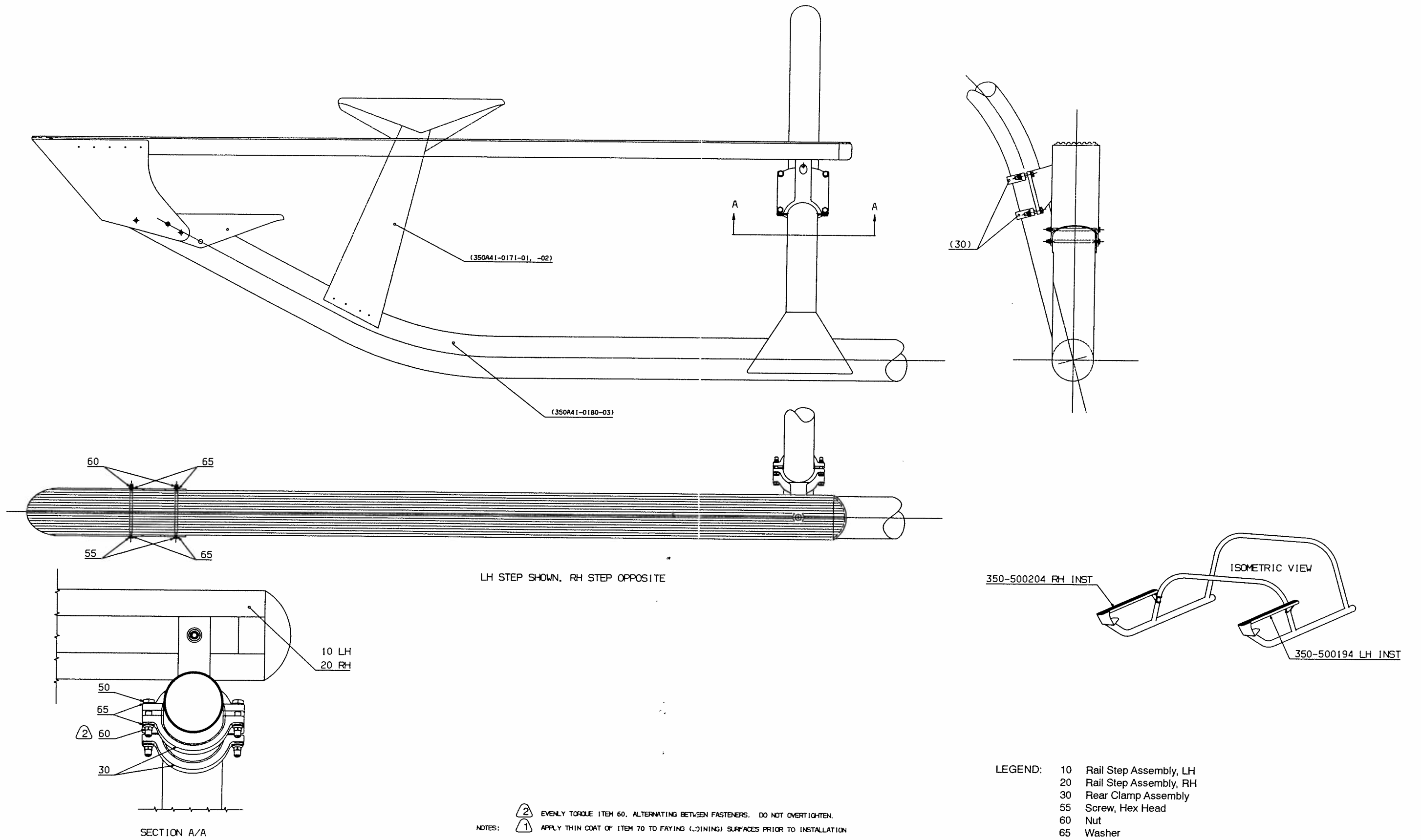


Figure 1 Rail Step Installation