

	Doc or ECO #:	ECO-71740-71741-001	Date:	12/15/2020	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/28/2020	Quality Approval:	aeg

P/N #:	71740 & 71741	Effective Date:	December 28, 2020
Title:	Pro5 Single Axis Manipulator Mounts Modified for Sonar Tilt Feature		

1.0 Purpose / Summary

- The purpose of this ECO is to modify the Pro5 single axis manipulator mounts so they do not interfere with the vertical motor when tilting the sonar tilt plate in the downward angle.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
71740	U-Bracket Increased 0.25" in Length	☐	☐	☒	A
71741	U-Bracket Wedge Increased 0.25" in Length	☐	☐	☒	A

3.0 Detail

- When tilted in the 15 Degree downward position, the cable on the Single Axis Manipulator would interfere with the vertical propeller. To correct the issue, both 71740 & 71741 were increased by 0.25" in height
- Note that previous mounts had been pre-production revisions, this final modification was rev'd to A for both pieces.

4.0 Disposition of Material

- Scrap the previous shorter version from inventory and send to barn

5.0 Action Items

Action	Department	Acknowledgement Initials
Update Drawings	Engineering	TG
Remove Older Revision from Inventory	Inventory	SL

	Doc or ECO #:	ECO-71740-71741-001	Date:	12/15/2020	Author:	SL
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	12/28/2020	Quality Approval:	aeg

6.0 Modified / Referenced Documents:

Document	Current Revision

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
12/15/2020	All	Init	SL