

	Doc or ECO #:	ECO-70771-002	Date:	03/24/20	Author:	MW
	Rev. #:	A				
Engineering Change Order (ECO)	Engineering Approval:	AEG	Date:	03/24/20	Quality Approval	aeg

P/N #:	70771	Effective Date:	June 22, 2020
Title:	MSS DEFENDER LOWER FRAME PLATE CIRCULAR BRACE REMOVAL		

1.0 Purpose / Summary

Open up the payload area by removing the circular brace.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70771	MSS Defender lower frame plate	☐	☐	☒	B
		☐	☐	☐	

3.0 Detail

Opening the lower frame may allow for dropping the manip a bit to remove the connector interference. It will also make it easier to use different payloads.

This modification has been done on the Engineering system and on Mark Fleming's system and both has had no significant reduction in strength or function.

This ECO was published concurrently with 70771-003.

4.0 Disposition of Material

Continue to use Rev A until new material arrives.

5.0 Action Items

Action	Department	Acknowledgement Initials
Replace stock with new parts.	Inventory	SL

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6.0 Modified / Referenced Documents:

Document	Current Revision
70771	B

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
03/24/2020		Initial	MW