

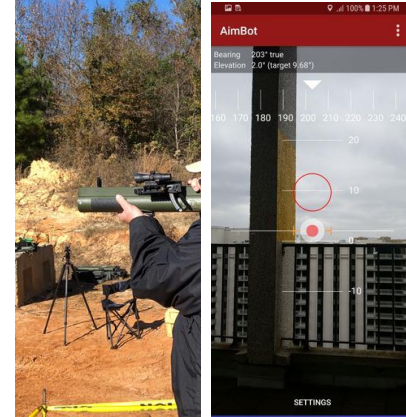
M72 Extended Range Sight

Project Summary

The objective of CPO 14 was to identify a low-cost quadrant sight that could be easily attached to the latest M72A7, A9, E11, and E12 launchers, and extend the range of the site to match improved rocket motors capable of 800m flights or greater. A secondary objective was to evaluate the practicality of utilizing a smart phone as an aiming device for the M72 and other similar systems. Two prize challenges were used to downselect two competing designs, subsequently evaluated by the USSOCOM TPOC and End User during a Military User Assessment.

Project Timeline

Kickoff and prep: 29 Sept – 6 Dec 2017
1st Prize Challenge: 7 Dec 2017 - 26 Feb 2018
Judging: 27 Feb – 8 Mar 2018
Award: 17 May 2018
2nd Prize Challenge: 18 May – 3 Dec 2018
User Assessment: 4 Dec 2018
Final Report: 31 Jan 2019



Resources Consumed

Total Cost \$375,000

Prize Challenge Cost - \$54,305

Materials - \$8,287

Subcontractor 1 - \$64,784

Subcontractor 2 - \$214,042

- Rockets, Updated Tables, and Launchers

Subcontractor 3 - \$32,646

Travel - \$936



Project Results

Conceptual Prize Challenge

1st Place - \$6,517 **NASS**

2nd Place - \$3,258 **Space Coast Unmanned**

3rd Place - \$1,086 **Victor Hash**

Prototyping Prize Challenge

1st Place - \$21,722 **Space Coast Unmanned**

2nd Place - \$21,722 **NASS**

Rockets Delivered - November 2018

