

# THE RIGHT FIT RIGHT NOW

Modernized head scanning technology



# HIGH-PRECISION PILOT HELMET FITTING

## Eliminate the pains of improper fit – anywhere, in less time

Broken visor? Suffering from hotspots, headaches or neck fatigue?  
Collins Aerospace pilot helmet fitting solutions provide on-site and  
in-field customization to eliminate pilot discomfort faster.

### Modernized military pilot helmet fitting solution

	Benefits
3D handheld scanner	<ul style="list-style-type: none"><li>• Highly accurate 0.1 mm precision</li><li>• Eye safe white light/dark room not needed</li><li>• Self-calibrating</li></ul>
Final pilot scanning process	<ul style="list-style-type: none"><li>• Flexible scan: anywhere, anytime</li><li>• Same day scan and file conversion</li></ul>
Final fitting process	<ul style="list-style-type: none"><li>• Same-day fitting*</li></ul>
Other Benefits	<ul style="list-style-type: none"><li>• 100% helmet mission readiness</li><li>• Eliminates hot spots and neck fatigue</li><li>• Reduces costs with helmet refurbishment</li><li>• Reduces simulator transition times</li><li>• Single mill machine with smaller footprint</li><li>• 24/7 on-call service support available</li></ul>



## Customizable solutions



### PORTABLE HEAD SCANNER

Our portable, handheld scanners offer advanced capabilities, including color map surfaces and pupil center positioning, with reduced cost of ownership.



### MOBILE SCANNING SERVICE (MSS™)

A Collins technician will fly to any location to complete a full scan using our portable scanner. In less than three minutes, you will have high quality scans.



### COLLINS MILLING SERVICE (CMS™)

Raw files collected by your personnel and scanner, then sent to a Collins CMS™ facility. The final fitting is performed by either our technicians or your personnel.



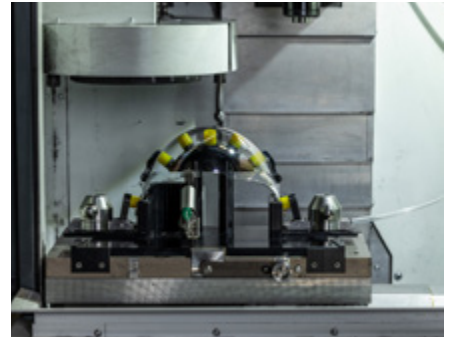
### SCAN DATABASE FOR REMOTE MILLING

Eliminate the need for pilots to travel or wait to be scanned. Send your raw files to Collins for conversion and milling of new mill replacement inserts in our CMS™ facility.



### PILOT READINESS FACILITY (PRF™)

We'll perform the scanning/milling process using our Collins VT-CIMS™ mill, resulting in a comfortable, high quality, customized helmet that is ready in less than 12 hours.\*



### VISOR TRIM – CUSTOM INSERT MILLING SYSTEM (VT-CIMS™)

You can perform the complete scanning and milling process, as well as the final fitting process, following a 6-week on-site training course.

\*Requires prepositioned assets

To learn more, go to

→ [collinsaerospace.com/PRF](https://collinsaerospace.com/PRF)

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