



**CHECKSIX™**  
**AEROSOLUTIONS**

**CHECKSIX AEROSOLUTIONS, LLC**

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**TRUSTED · INNOVATIVE · SECURE**

[WWW.CHECKSIXAEROSOLUTIONS.COM](http://WWW.CHECKSIXAEROSOLUTIONS.COM)

# BACKGROUND

CheckSix Aerosolutions LLC., an Aero-Mark company, was founded in 2021 to provide support for select aerospace & defense programs, including aircraft line maintenance, modification and repair, avionics installations, and component maintenance and repair. The company will expand into flight operations and aircraft leasing, as needed to support future growth.

## INTEGRATED SOLUTIONS



### Palm Springs Repair Station

As the premiere MRO service provider at the Palm Springs International Airport since 1996, we are committed to providing high quality inspections and maintenance services for each of our airline line maintenance and General Aviation (GA) aircraft owner / operators..



### Aviation Research Systems Repair Station

A trusted Part 145 repair station serving Beechcraft owners / operators for over 45 years with STC modifications and PMA parts. As an Authorized Garmin Avionics Dealer, we provide avionics solutions for commercial and government / defense small aircraft of nearly all makes / models.



### Government & Defense Programs

Currently, a top-level provider of line maintenance, minor & major repairs, modifications and heavy maintenance for experimental (R&D) testbed aircraft, including Raytheon's B-727 at Ontario, CA.

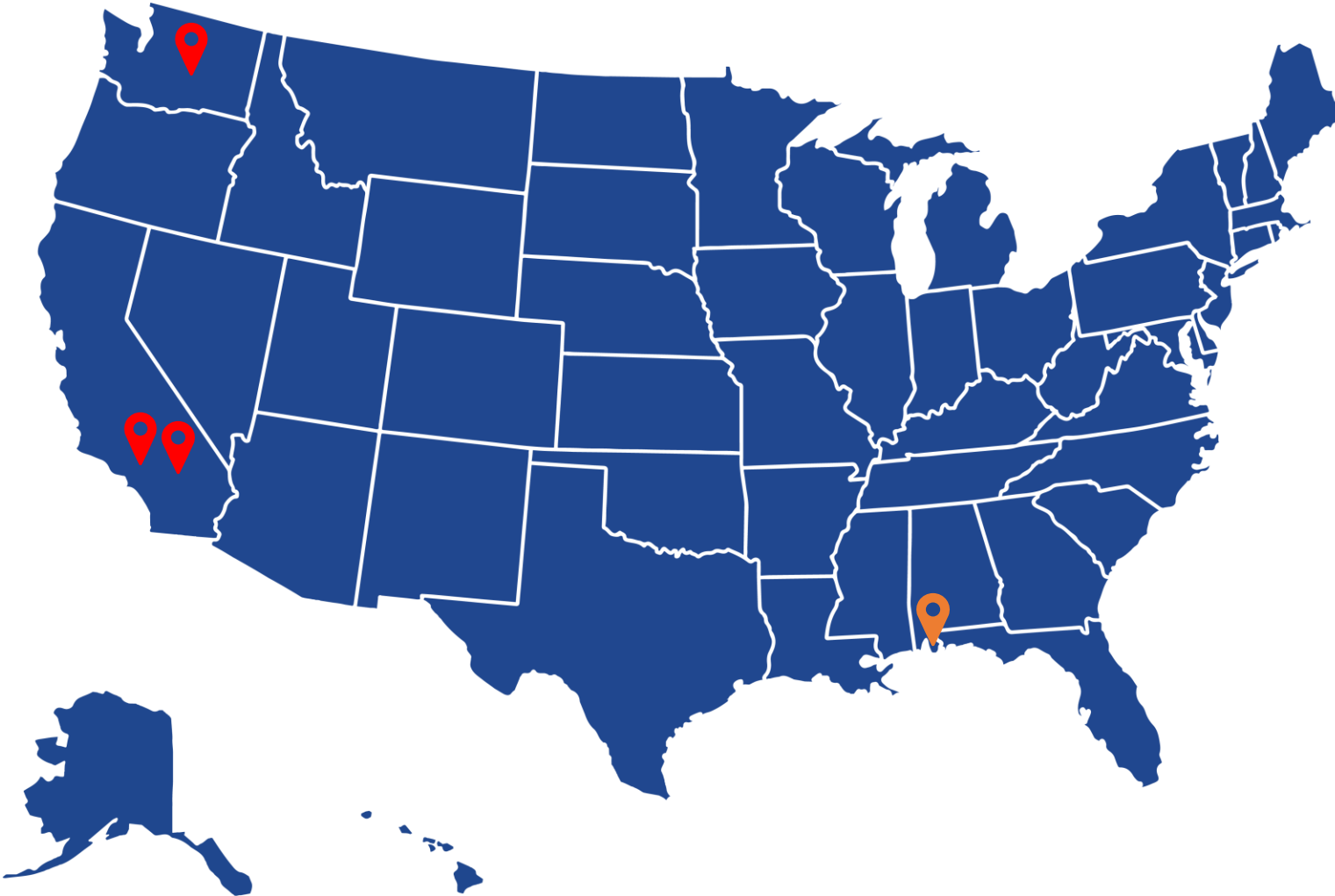
Expansion into avionics installations, flight operations support and aircraft leasing is being pursued for future growth.



### Aircraft Component / Parts Maintenance, Repair & Overhaul (MRO)

A trusted Part 145 repair station serving Bonanza for over 45 years with Beechcraft STCs and PMA parts. In addition to the product line, we have new and serviceable Beechcraft parts, avionics, and instruments.

# LOCATIONS



## CHECKSIX AEROSOLUTIONS HEADQUARTERS

1(909) 765-4300

[info@CheckSixAeroSolutions.com](mailto:info@CheckSixAeroSolutions.com)

2132 E Avion St A,  
Ontario, CA 91761

## PALM SPRINGS - PART 145 REPAIR STATION

Phone: +1 (760) 325-7106

On Call : +1 (760) 333-9020

424 N Civic Drive  
Palm Springs, CA 92262

## WENATCHEE, WA- PART 145 REPAIR STATION

Phone# +1 (909) 229-7397

3742 Airport Way,  
East Wenatchee, WA 98802







## AERO-MARK MRO, LLC

## DBA CHECKSIX COMPONENTS - PART 145 REPAIR STATION

Phone# +1 (251) 210-0200

14560 Greeno Rd.  
Fairhope, AL 36532

# CERTIFICATIONS / APPROVALS

<p><b>1</b></p> <p><b>FAA 145 Approval # PMR909B</b></p> <p>Aircraft Maintenance Organization</p>  <p>USA Federal Aviation Administration</p>	<p><b>2</b></p> <p><b>NISS Approved</b></p> <p>Facility Clearance</p>  <p>National Industry Security System</p>	<p><b>3</b></p> <p><b>TCCA Supplement Approval</b></p> <p>Aircraft Maintenance Organization</p>  <p>TCCA Aviation Authority Canada</p>
<p><b>4</b></p> <p><b>FAA 145 Approval # OYSR774L</b></p> <p>Aircraft Maintenance Organization</p>  <p>USA Federal Aviation Administration</p>	<p><b>5</b></p> <p><b>STC Owner (x15)</b></p> <p>Supplemental Type Certificates</p>  <p>USA Federal Aviation Administration</p>	<p><b>6</b></p> <p><b>PMA Approval # PQ1930NM</b></p> <p>Parts Manufacturer Approval</p>  <p>USA Federal Aviation Administration</p>

# CUSTOMERS – AIRLINES / FBO / GENERAL AVIATION / GOV'T & DEFENSE



Select Airline Customers



Select Fixed Base Operators & General Aviation Customers



Select Gov't & Defense Contractors



# PALM SPRINGS (PSP)

Part 145 Repair Station  
GA Aircraft Maintenance



# PALM SPRINGS AIRCRAFT MAINTENANCE

## AIRLINE LINE MAINTENANCE

- Meet-and-Greet
- RON Maintenance
- Discrepancy Rectification
- Daily Service Checks
- On-Call
- Troubleshooting
- Brake Ride / Aircraft Movement
- MEL Clearing
- IFE Maintenance

## FIXED BASE OPERATOR & PART 135 OPERATOR SERVICE AGREEMENTS

- On-call maintenance & servicing for Signature Flight Support & Atlantic Aviation FBO customers
- DOM services & maintenance provider for Desert Air Ambulance (Part 135 operator)

## PSP SMALL AIRCRAFT MAINTENANCE HANGAR

- Nearly 6000 sq ft stand-alone hangar with office, storage/storeroom, breakroom, and restrooms
- Small aircraft inspections, repairs and modifications



# PSP PART 145 (2PMR909B) CAPABILITIES MATRIX



RATING	MANUFACTURER	MAKE / MODEL	LIMITATIONS
Airframe	Boeing	B-737 All Models	Limited to line mx only
	Boeing	B-737 MAX	Limited to line mx only
	Boeing	B-727 Serial # 22467	Line mx / modification / C-Check
Engines	GE / Snecma	CFM-56 All Models	Limited to line mx only
	GE	LEAP-1B	Limited to line mx only

\* Included but not limited to - Capabilities matrix as reflected in operations specification A003





# WENATCHEE, WA PANGBORN MEMORIAL AIRPORT

Part 145 Repair Station  
Authorized Garmin Dealer  
STC's / PMA Approved

## SMALL, PISTON-ENGINE AIRCRAFT INSPECTIONS, REPAIRS & MODIFICATIONS

- Part 145 Repair Station rated for small, metal-construction aircraft, and numerous Continental and Lycoming engine inspections, repairs, servicing, and modifications.
- Recognized maintenance provider for Beechcraft Bonanza/Baron aircraft to include 15 Supplemental Type Certificates (STC's) modifications
- Pilot-static and transponder inspections and testing capable
- Parts Manufacturer Approval (PMA) with machine shop capability allowing for new & used part sales.

## GARMIN AVIONICS INSTALLATIONS

- Authorized Garmin Avionics Dealer able to provide an avionics upgrade solution for nearly any make/model of GA aircraft
- In-house wire harness build and avionics test bench capability

## PANGBORN MEMORIAL AIRPORT- AIRCRAFT MAINTENANCE HANGAR

- Aircraft inspections, repairs and modifications.

# GARMIN®

AUTHORIZED DEALER





# SUPPLEMENTAL TYPE CERTIFICATES (STC'S) / PARTS MANUFACTURER APPROVAL (PMA)



## Over 45 Years of Service to the Beech Bonanza Community

STC #	Description	PMA Parts?
SA00245SE / SA00246SE / SA5902NM	Security Locking Fuel Cap	Yes
SA384WE	Pilot / Co-pilot Seat Modification	No
SA423SE / SA460SE	Stainless Steel Battery Box	Yes
SA507WE	Rear Seat Modification	No
SA01167SE / SA01168SE	E225-8 Engine Cylinder Upgrade	Yes
SA1722WE	Fiberglass Tail Fairing	Yes
SA1827NM	Install 95-E55 wing on 95-C55	No
SA3584NM	Aileron & Flap Gap Seals	Yes
SA4193WE / SA4381WP	Modified Instrument Panel	Yes
SA4903NM	Alternate Engine on P-35	No
-	Color-coded Control Knobs	Yes

\* Parts manufactured under PMA # PQ1930NM



# ARS PART 145 (OYSR774L) CAPABILITIES MATRIX

## Class Ratings

Airframe Class 3: All-Metal Construction of Small Aircraft

Radio Class 1: Communications Equipment

Radio Class 2: Navigational Equipment

Rating	Manufacturer	Make / Model	Limitations
Power Plant	Teledyne Continental	C90, C125, O200, O300, O470, IO470, IO520, TSIO520, IO550, E165, E185, E205, E225 Series	Excluding Overhaul
Power Plant	Textron Lycoming	O235, O320, IO320, O360, IO360, O540, IO540 Series	Excluding Overhaul
Propellers	McCauley	All Makes / Models	Excluding Overhaul and Major Repairs & Alterations
Propellers	Hartzell	All Makes / Models	Excluding Overhaul and Major Repairs & Alterations

\* Included but not limited to - Capabilities matrix as reflected in operations specification A003

# ARS PART 145 (OYSR774L) CAPABILITIES MATRIX (CONTINUED)



Rating	Manufacturer	Make / Model	Limitations
Propellers	Beech	All Makes / Models	Excluding Overhaul and Major Repairs & Alterations
Propellers	Flottrop	All Makes / Models	Excluding Overhaul and Major Repairs & Alterations
Propellers	Sensenich	All Makes / Models (fixed pitch)	Excluding Overhaul and Major Repairs & Alterations
Instruments	STEC/Meggitt	All Models	None
Instruments	Britton	B2C, B4, B5, B7	None
Instruments	Century/Edo Aire	I, IIB, III, IV, 41, 2000	None
Radio	All Manufacturers	All Makes / Models Transponders	Test and Inspection in accordance with CFR 14, Part 43, Appendix E & F, to comply with CFR 14, Part 91.413. Includes RVSM
Instruments	All Manufacturers	All Makes / Models Static Pressure Systems	Test and Inspection in accordance with CFR 14, Part 43, Appendix E & F, to comply with CFR 14, Part 91.413. Includes RVSM

\* Included but not limited to - Capabilities matrix as reflected in operations specification A003



# GOVERNMENT & DEFENSE PROGRAMS

- Experimental (R&D) Testbed Support
- Avionics Installation
- Flight Ops & Leasing

# GOVERNMENT & DEFENSE PROGRAMS

 Top-level provider of maintenance/modification services for experimental (research & development) test bed

## EXPERIMENTAL (R&D) TESTBED MAINTENANCE & MODIFICATION

- Line maintenance, modifications and heavy check maintenance
- NISS-approved Facility Clearance to support gov't classified programs
- Support at remote customer provided or our own facilities

## AVIONICS INSTALLATIONS

- Authorized Garmin Avionics Dealer able to provide an avionics upgrade solution for nearly any make / model of GA commercial-derivative aircraft

## FLIGHT OPERATIONS AND AIRCRAFT LEASING

- Flight test & training operations support to include small manned aerial targets
- Specialized aircraft modification and leasing to include experimental (R&D) testbeds & missionized aircraft





# CHECKSIX COMPONENTS

**AERO-MARK MRO, LLC.**

(AN AERO-MARK COMPANY) DBA

PART 145 REPAIR STATION

# PMR909B

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# COMPONENTS

## ATA-CHAPTERS

21 Air Conditioning / Pressurization  
 22 Auto Flight  
 24 Electrical Power  
 27 Flight Controls  
 29 Hydraulic Power  
 30 Ice & Rain Protection  
 32 Landing Gear

36 Pneumatic  
 38 Water/Waste  
 49 Airborne Auxiliary Power  
 52 Doors  
 55 Stabilizer  
 57 Wings  
 71 Power Plant

72 Engine Turbine / Turboprop  
 75 Bleed Air  
 76 Engine Controls  
 78 Exhaust  
 79 Oil  
 80 Starting

## COMPONENT OVERHAUL & REPAIRS

- ✓ 7,000+ part numbers
- ✓ 55 manufacturers
- ✓ 30 aircraft variants
- ✓ Components Exchanges
- ✓ Parts Sales
- ✓ Hydraulics
- ✓ High-flow pneumatics
- ✓ Mechanical
- ✓ Electro-Mechanical
- ✓ Quick turn machining

## FLEET CAPABILITES

Boeing	Airbus	Regional Jets
B717	A300	Embraer E175
B727	A310	Embraer E195
B737	A318	Bombardier CRJ700
B747	A319	Bombardier CRJ900
B757	A320	De Havilland DHC- 8
B767	A321	De Havilland Q400
B777	A330	Fokker F100/ F50
B787	A340	ATR 42/72
MD-10		
MD-11		
MD-80/MD-90		

# QUESTIONS?



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