

Equipment List: Nashua Community College Aviation Technology

Approved 8/5/2022  AVFTN-0070

<b>Multiple HAND + Shop Tools</b>				
<b>SHEET METAL CONSTRUCTION AND REPAIR</b>		<b>Painting and Finishing</b>		<b>ELECTRICAL</b>
Dollies and stakes		Primers		Wire and Cable various sizes
V-blocks		Identification of Paints		Wire groups and bundles
Hardwood form blocks		Finishing Equipment		Single-cord lacing
Shrinking blocks		Paint & Finishing Guns		Tie-wraps various sizes
Sandbags		Protective Equipment for Personnel		Wire and cable Side Cutters
Layout tools				Wire and cable Strippers
Scales		<b>Welding</b>		Copper wire terminals
Combination square		Gas Welding and Cutting Equipment		Crimping tools
Dividers		Oxy-acetylene Cutting Torch		Aluminum wire terminals
Marking tools		Brazing and Soldering Tools		Splicing solder and potting compound
Scribers		Gas Metal Arc Welding (TIG Welding) Units		Shrinkwrap
Lead pencil		Oxy-Acetylene Torch		Bonding and grounding Terminals
Punches				Bonding Strips and Wire
Prick punch				Various connectors
Center punch		<b>Composites</b>		Class A, B, C, D, K
Transfer punch		Composite Structures		Various Volt/Ohm Meters Fluke
Pin punch		Sandwich Structures		
Cutting tools		Manufacturing and In-Service Damage		
Hand cutting tools		Nondestructive Inspection (NDI) of Composites		Circuit protection devices
Sheet metal shears		Composite Repair Materials		Fuses
Aviation snips		Composite Honeycomb Sandwich Repair Materials		Circuit protection devices
Files		Transparent Plastics		Switches
Burring tools				
Drills				<b>BATTERIES</b>
Drill motors				Various Aircraft and Support Batteries
Electric				Characteristics of various types
Pneumatic				Battery Charger
Right-angle attachment				DC motors - Armatures
Snake attachment				
<b>Multiple HAND + Shop Tools</b>		<b>AVIONICS</b>		
Extension drills		Multiple radios, antennas, vor, dme, cockpit instruments etc.		
Twist drills				
Shrinker				
Stretcher				
Riveting tools pneumatic				
Special assembly tools				
Clamps and sheet fasteners sets and boxes				
Cleco fasteners boxes multiple sizes				
Wing nut fasteners each		<b>Shop Floor Equipment</b>		
C-clamps		Squaring shear - 4'		
Hole finders		90 degree Shear		
Chip chasers		Throatless shear		

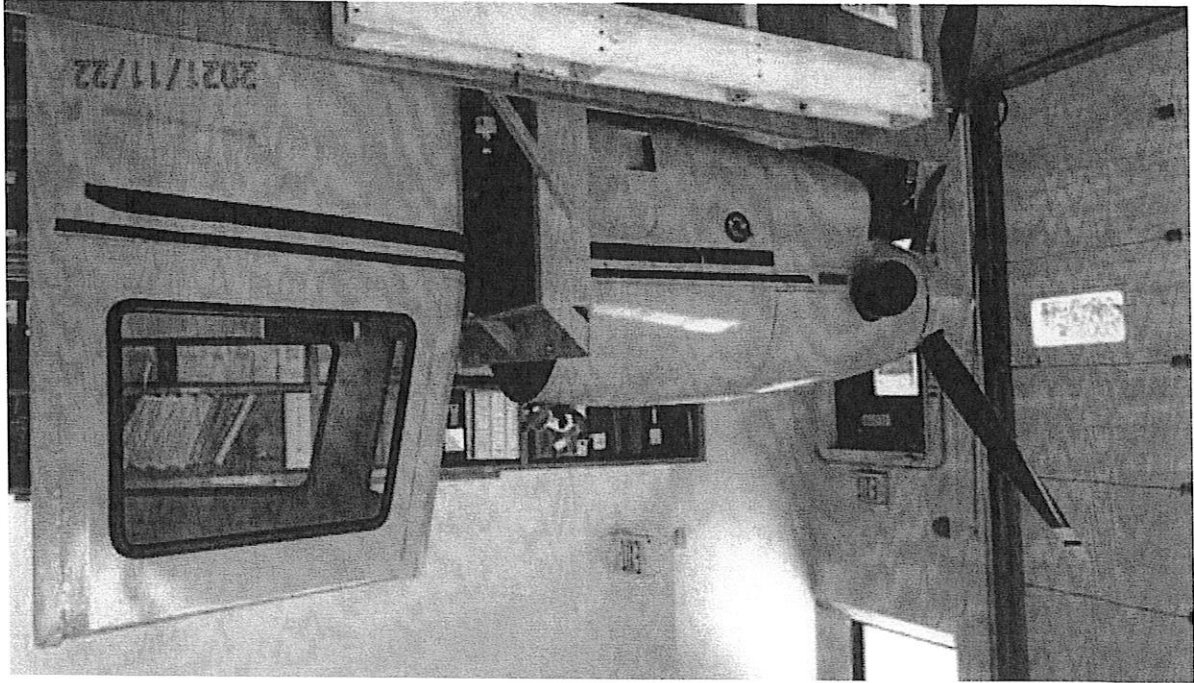


# Appendix A

Aviation Technology Department Tagged Equipment & Training Aids  
December 6, 2021 : Invented by Thomas Larvia & Alex Pettiglio

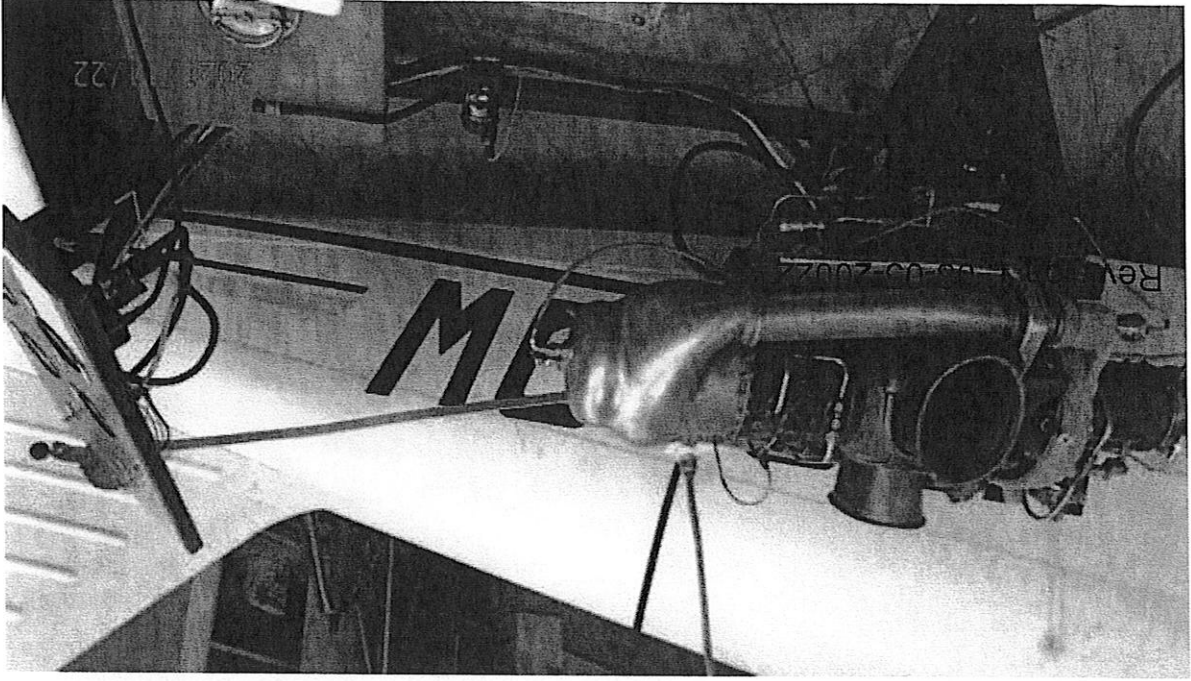
TAG # 173083

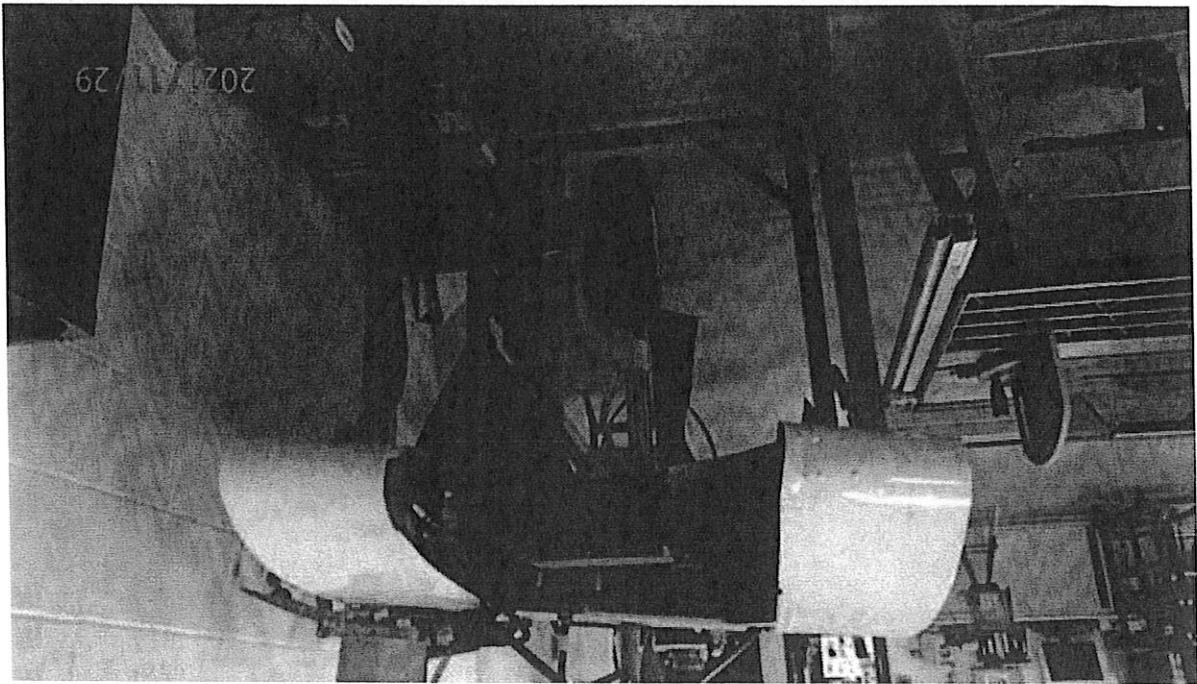
E43 PRATT & WHITNEY PT6A RUNNABLE TURBOPROP ENGINE



TAG# 173084

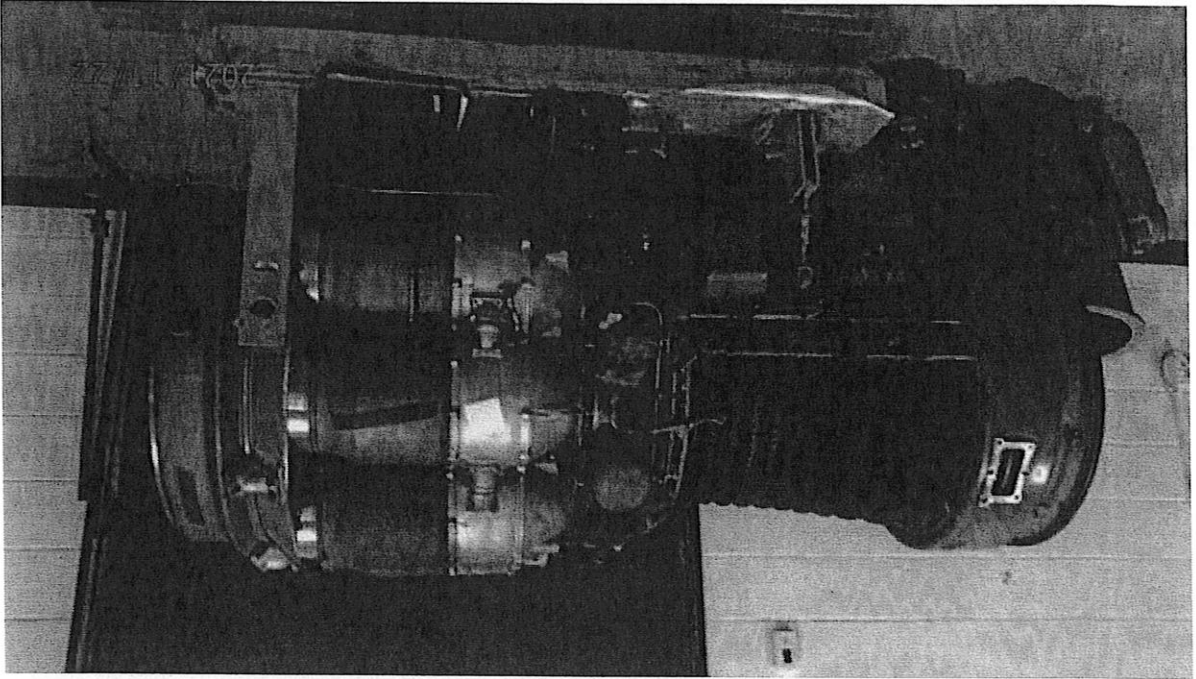
ENGINE ON STAND - ALLISON 250 TURBINE





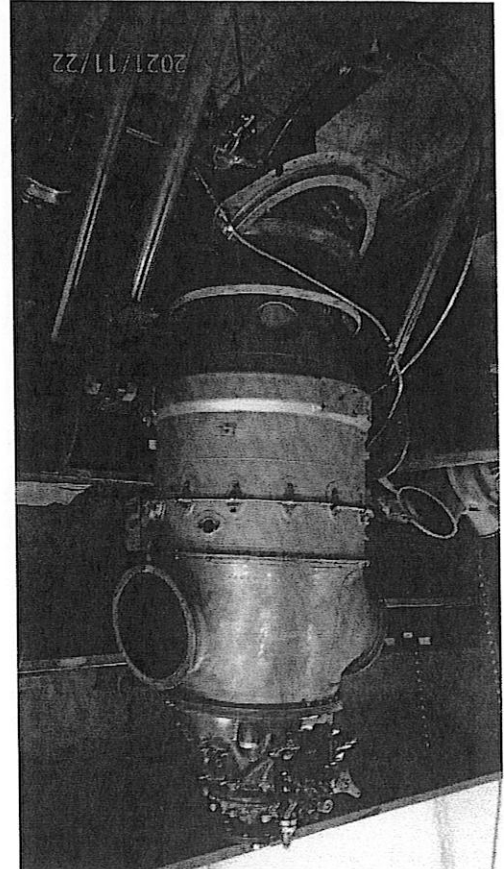
AL14 LANDING GEAR SYSTEM TRAINER-HDY

TAG# 173433



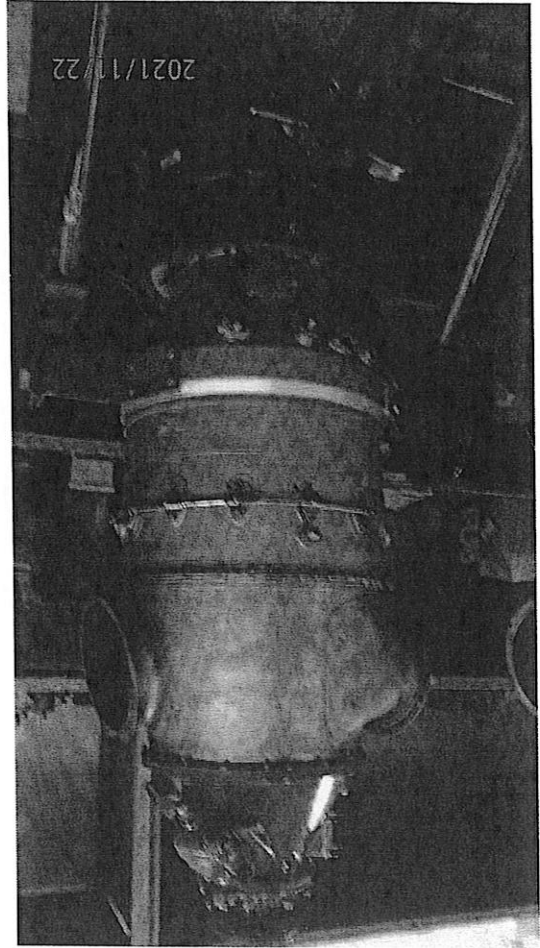
TURBINE ENGINE – ROLLS ROYCE AVON RA-7

TAG# 173092



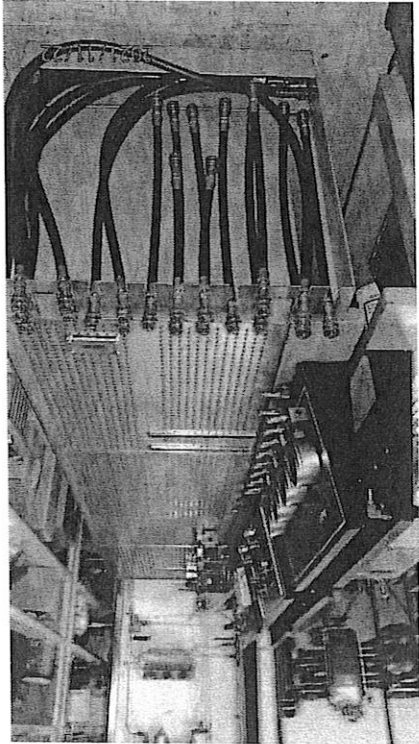
ENGINE TURBOPROP USED MDI PT6A, LINK PO

TAG # 173090

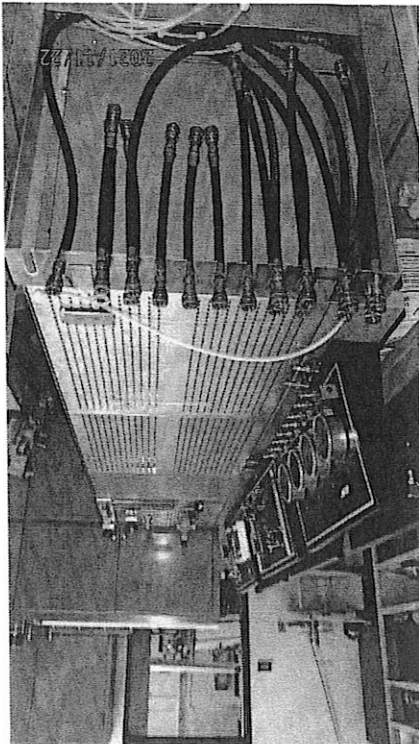


ENGINE TURBO PROP, USED PT6A

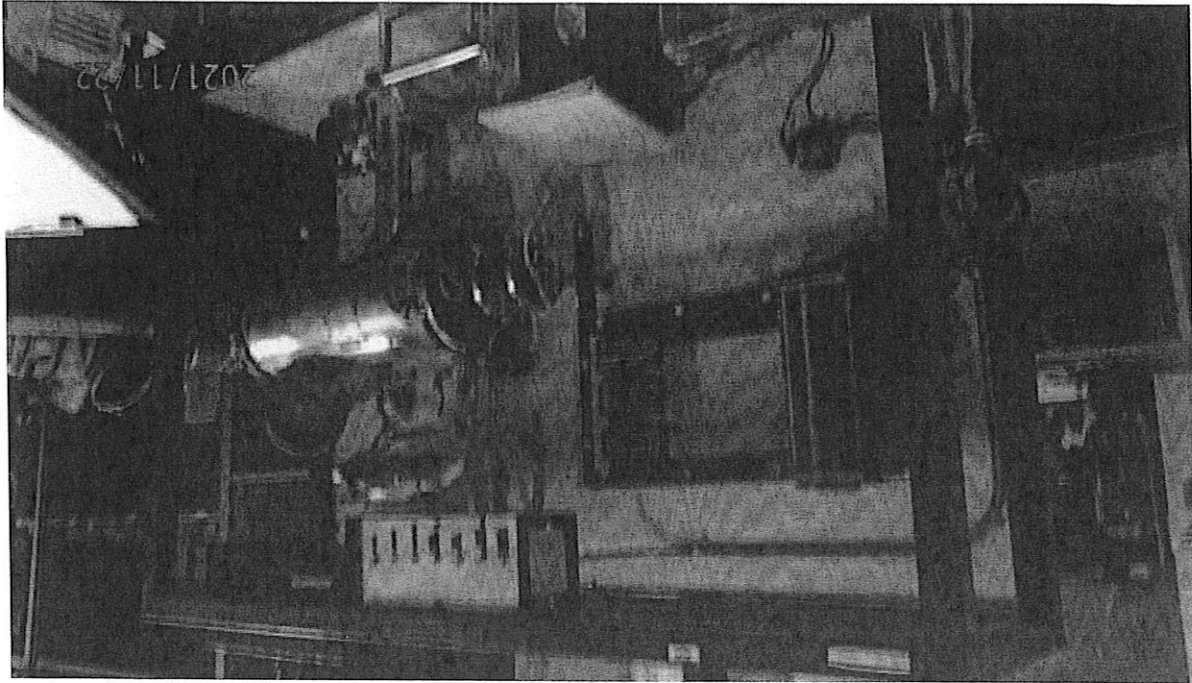
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HYDRAULICS & PNEUMATIC TR.SYS.-MDI6025



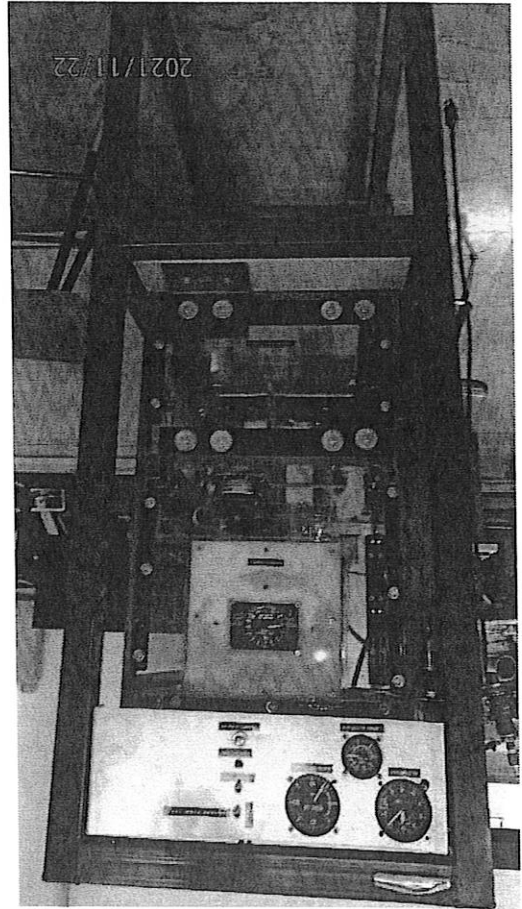
TAG # 173101 & 173102



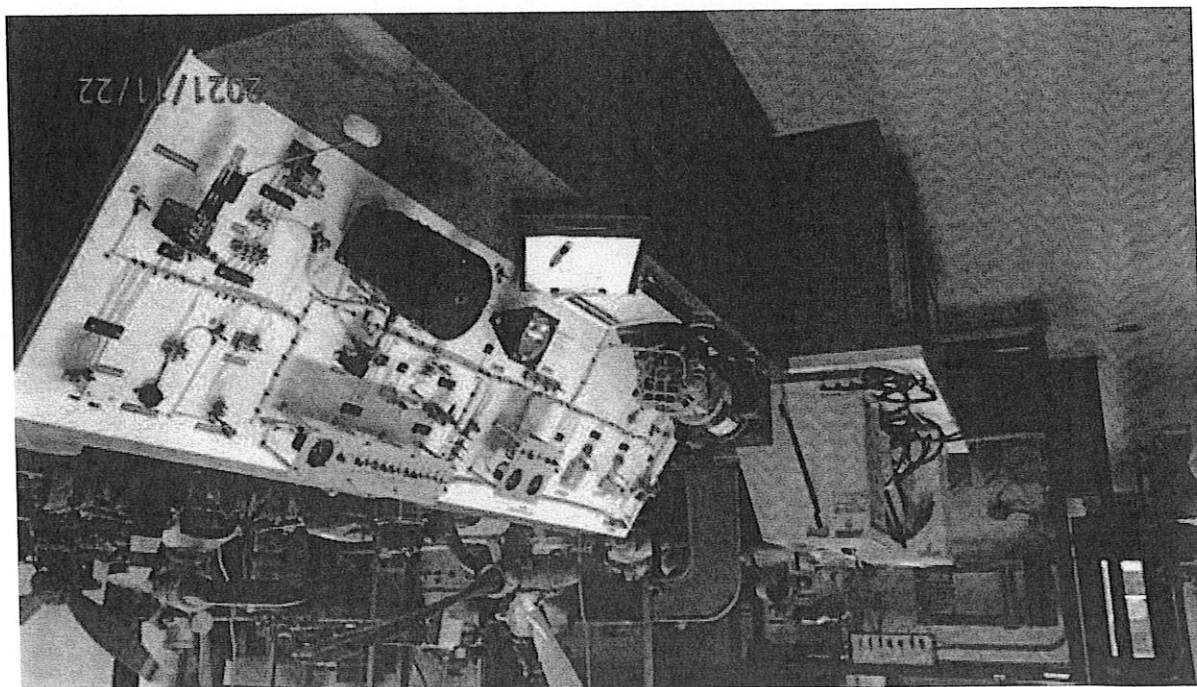
AVIATION EQUIPMENT: AIRCONDITIONING/HEATING MOCK-UP

TAG# 173103





TAG# 173108 AVIATION EQUIPMENT: CABIN ATMOSPHERIC/PRESSURIZATION MOCK-UP



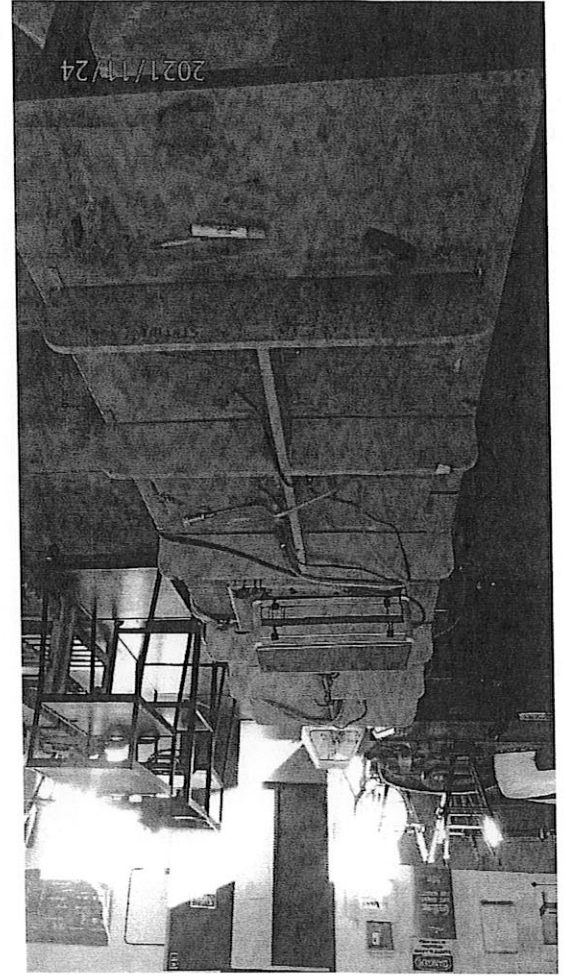
AE42-12A ELECT SYS TRAINER 12V ALTERNATOR

TAG# 173432

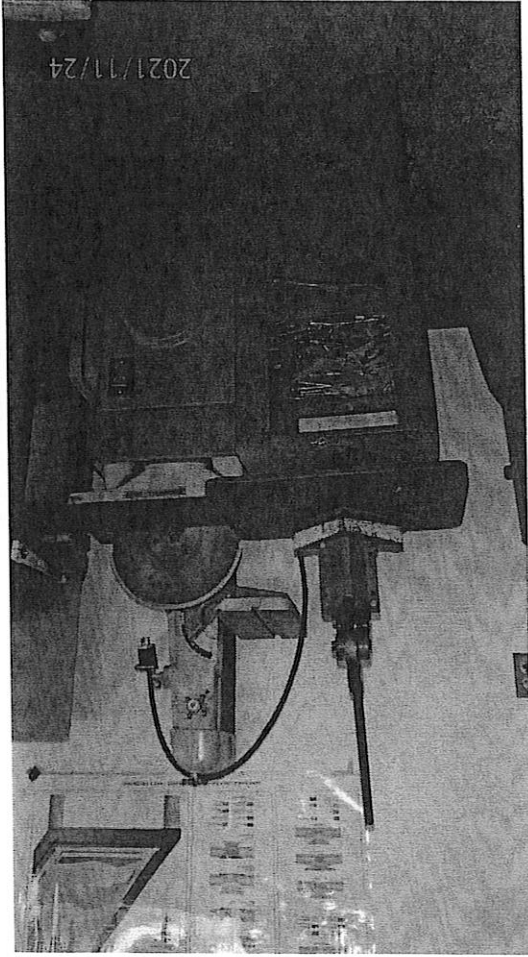
# Appendix B

Aviation Technology Department Shop Equipment & Fixtures

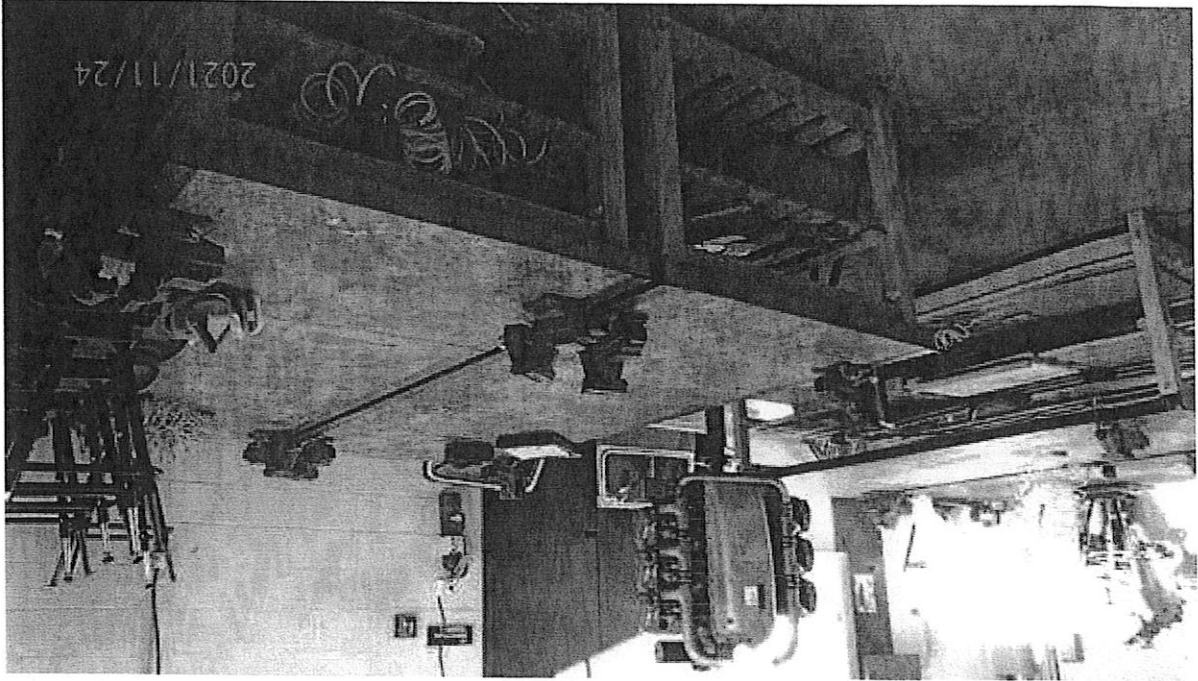
December 6, 2021: Invented by Thomas Larvia & Alex Pettiglio



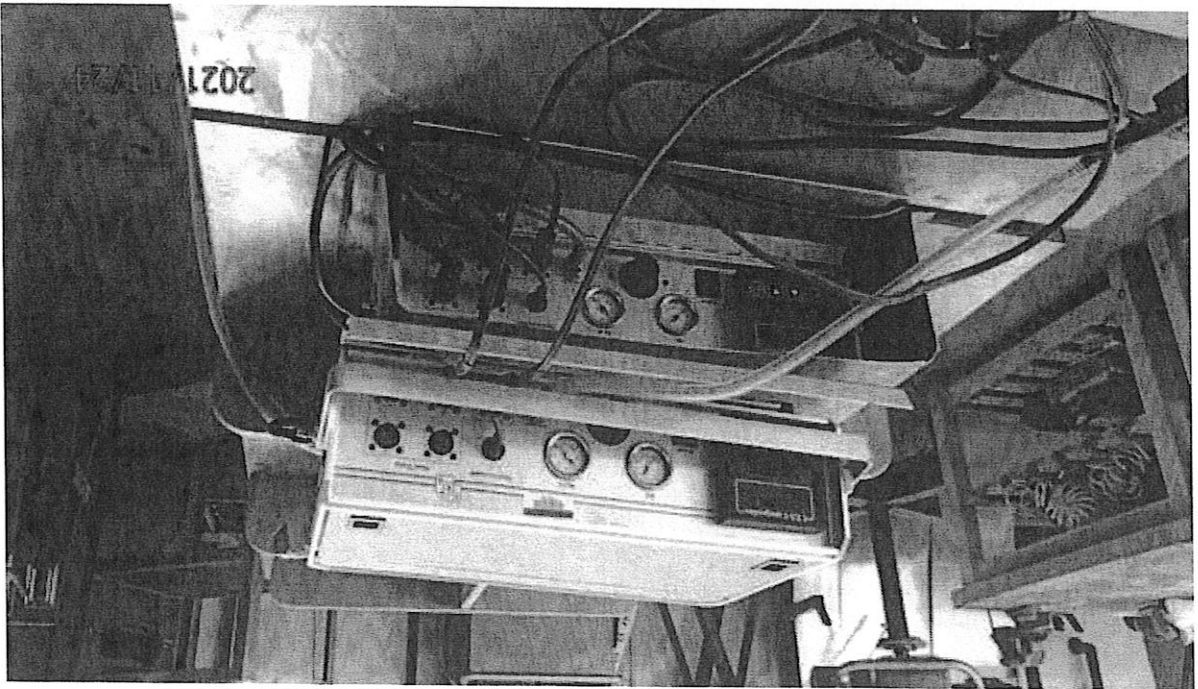
Composite Work Bench



Cutter & Sander

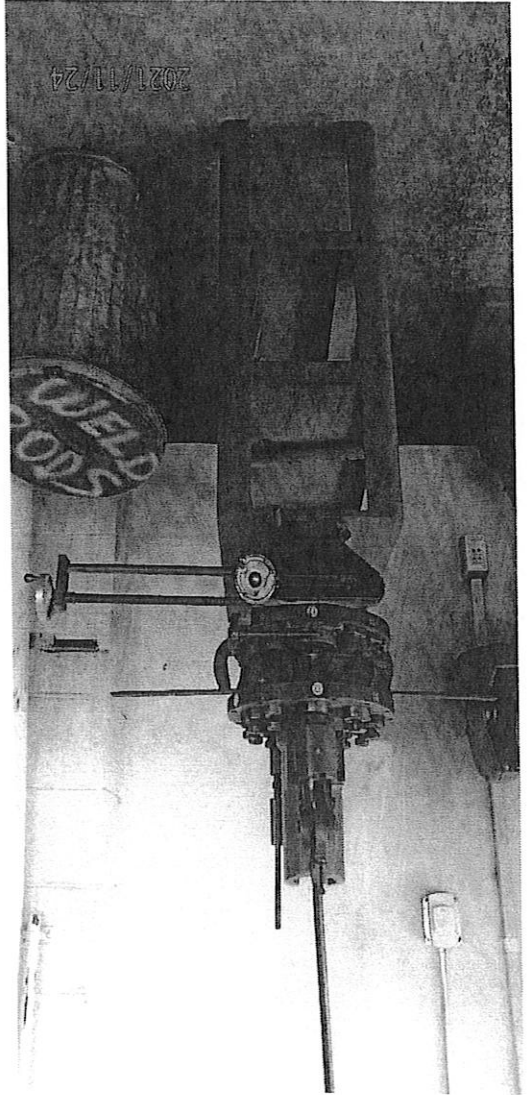


Sheetmetal Work Shop Benches (Typical)

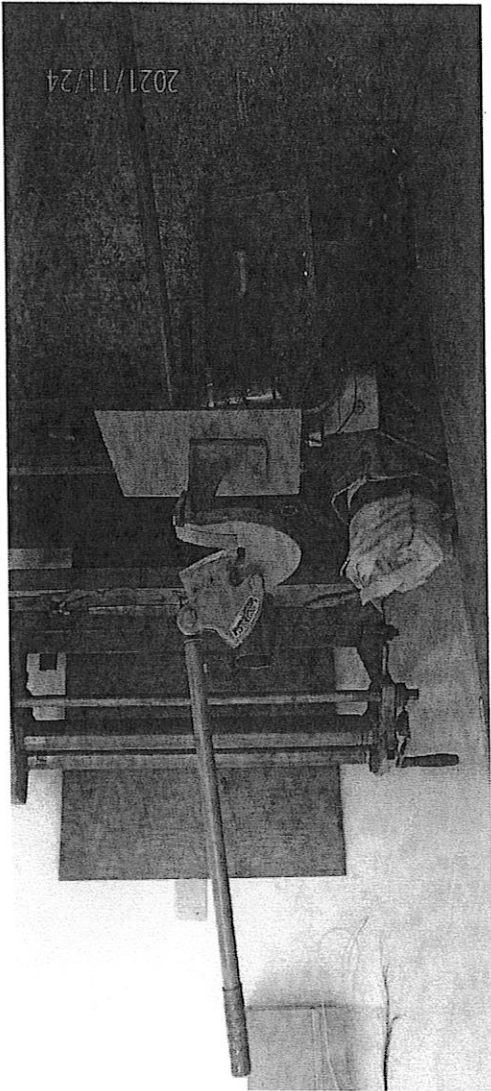


Composite Vacuum & Heaters

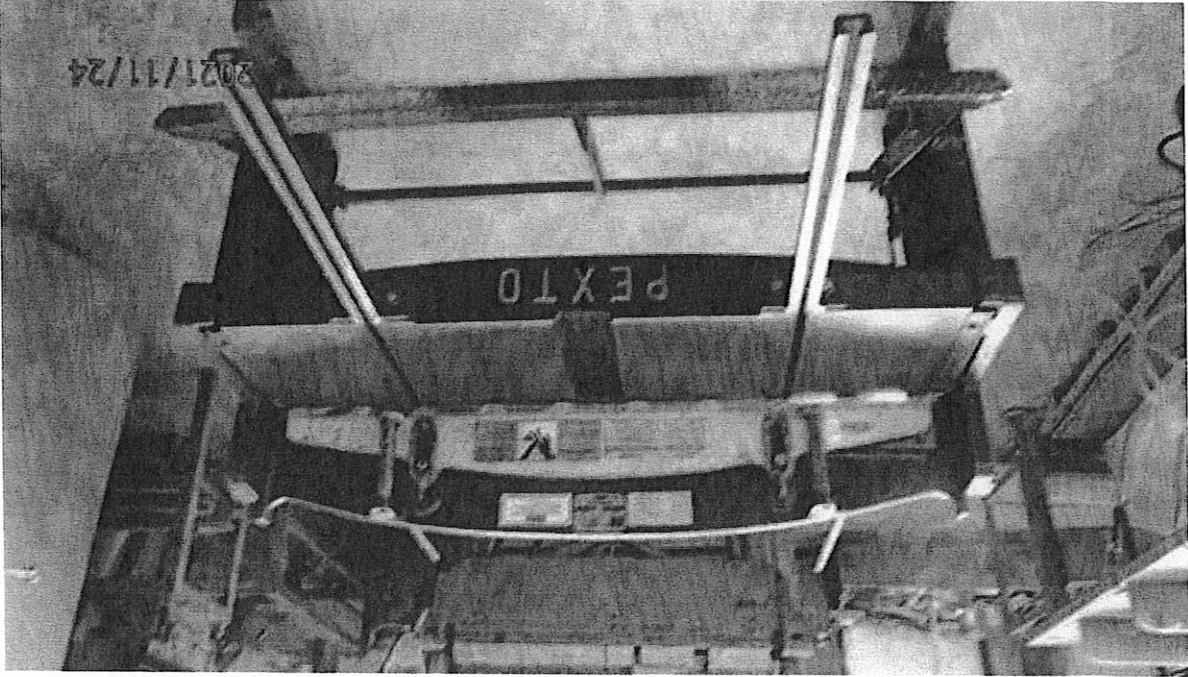
Hole Punch



Snips/Trimmer



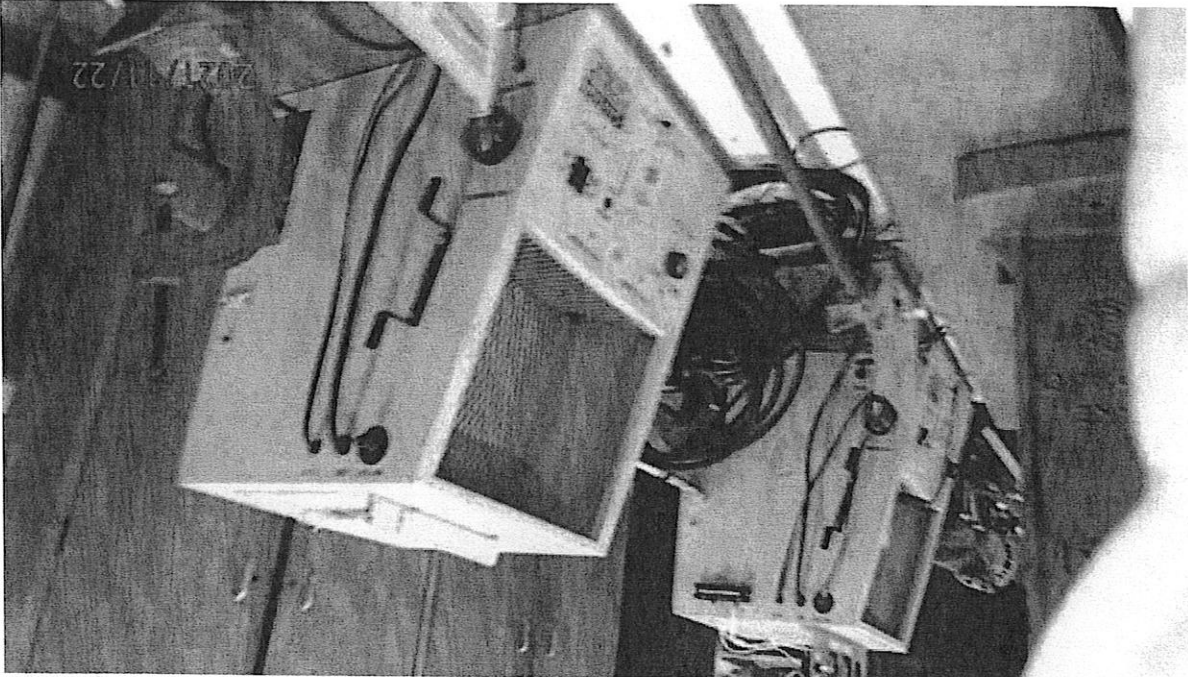
Metal shear



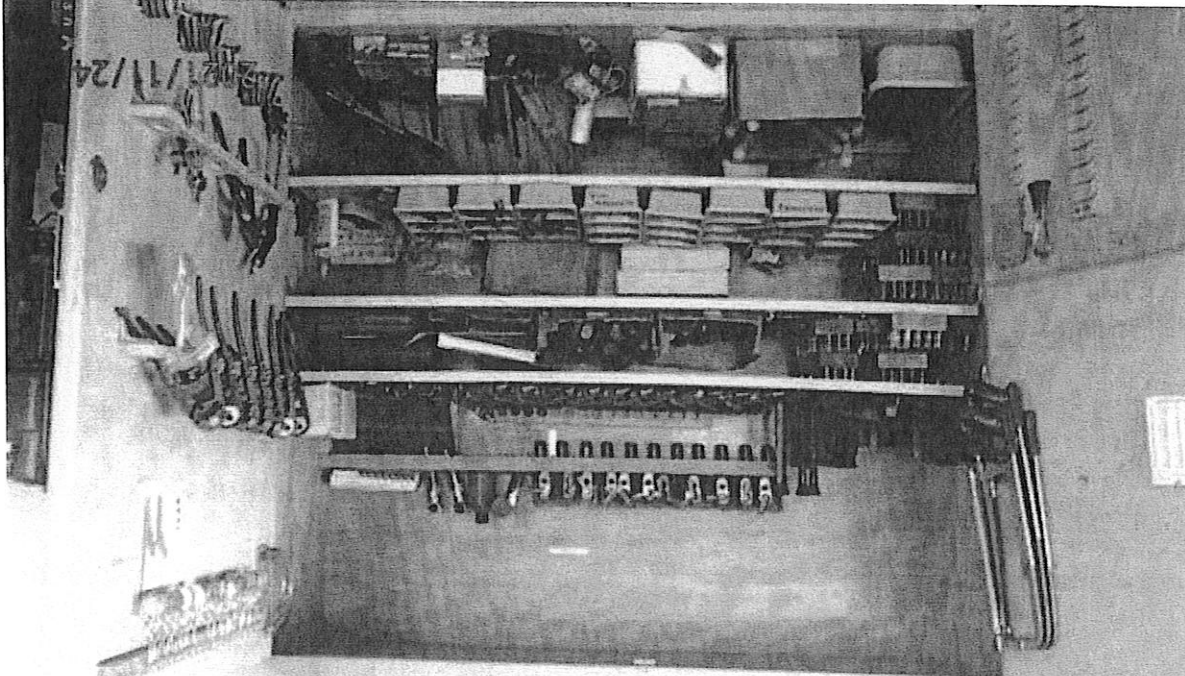
Metal Roller



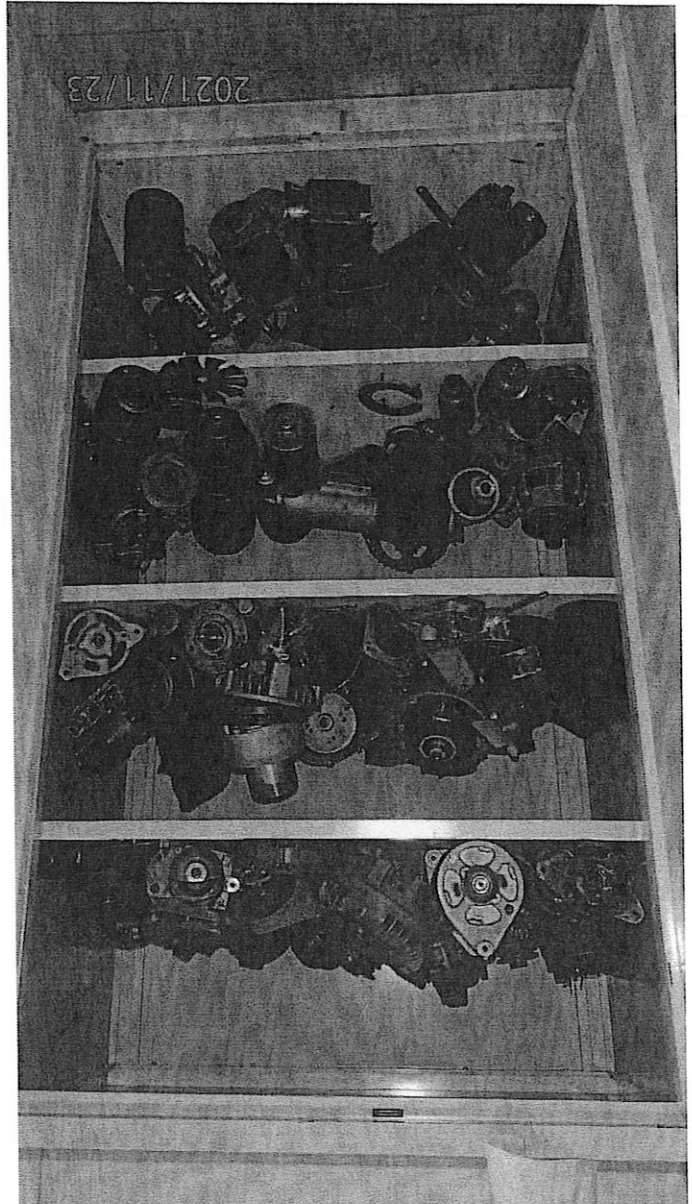
Alternator & Generator Test Stand



Metal Tool Cabinet

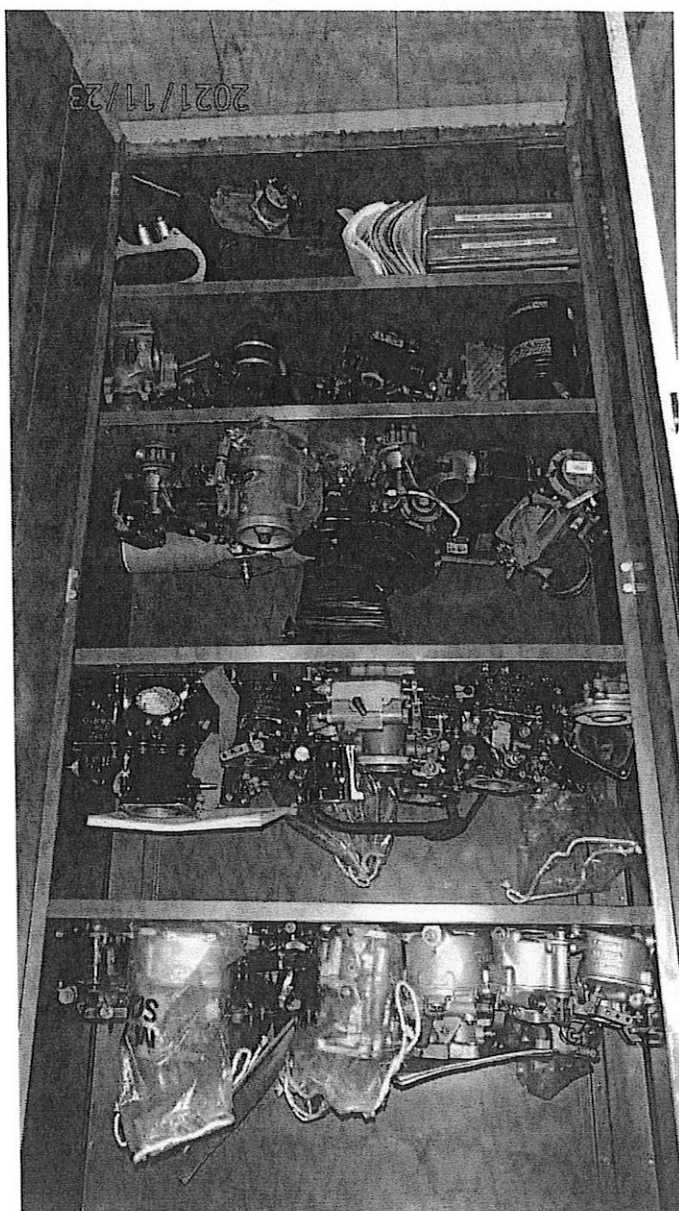


Alternators & Generators Cabinet

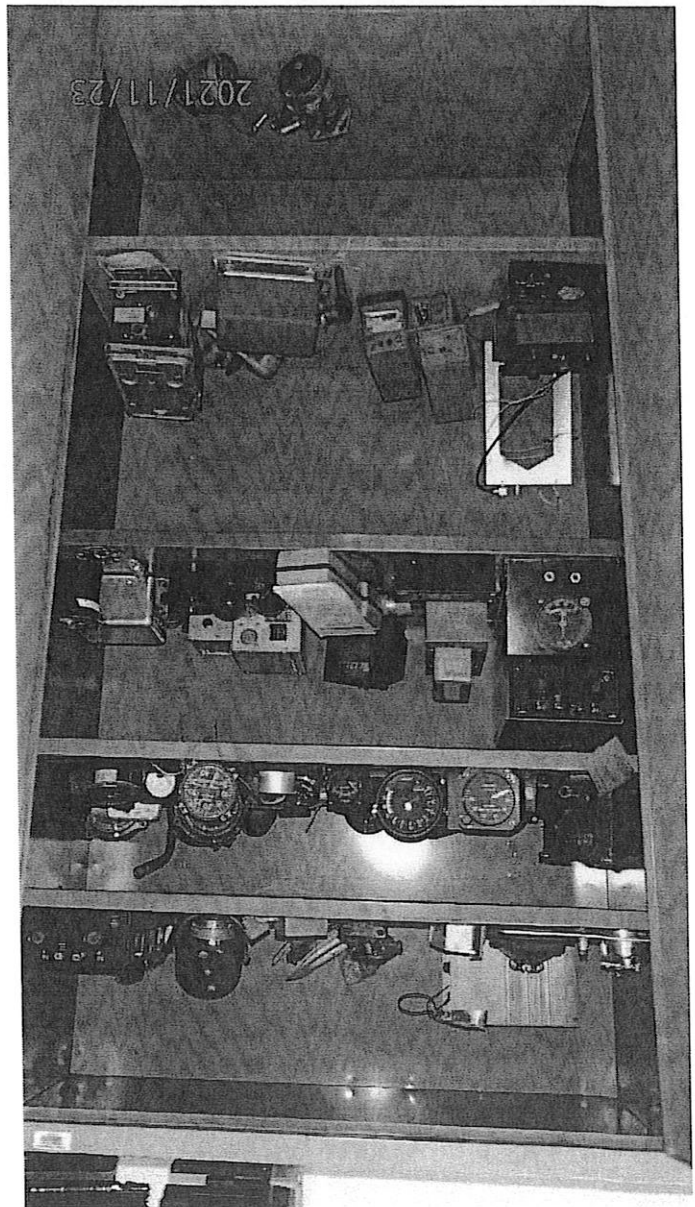




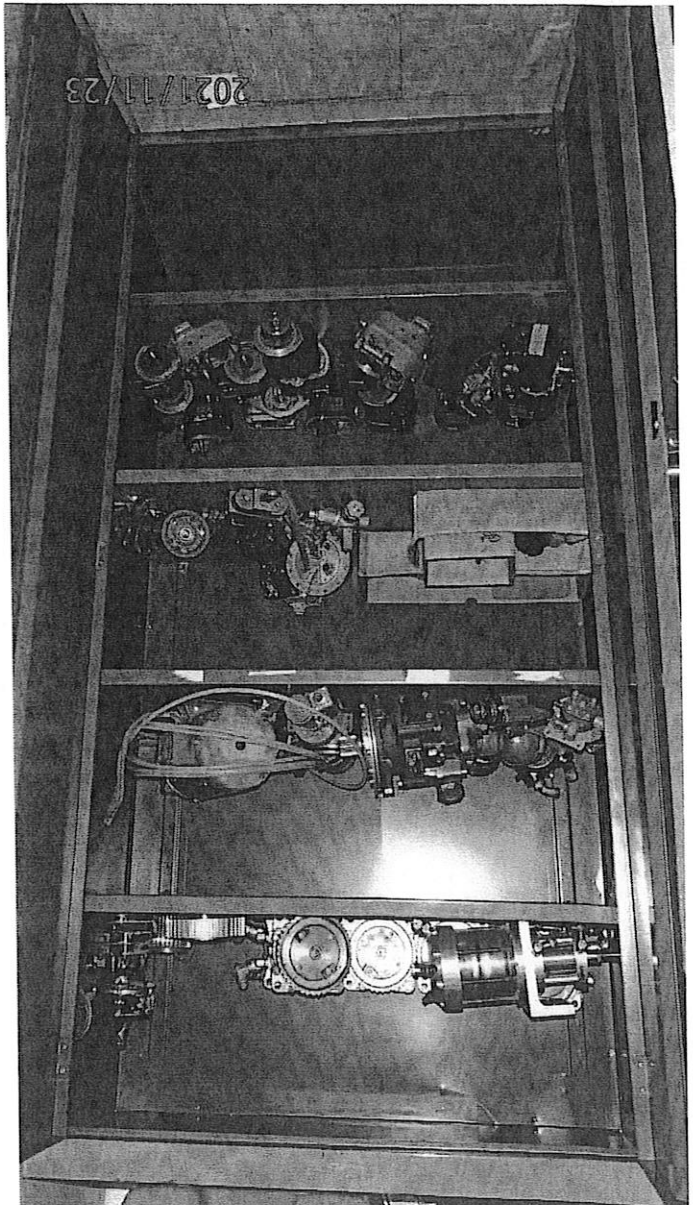
Carburetor Cabinet



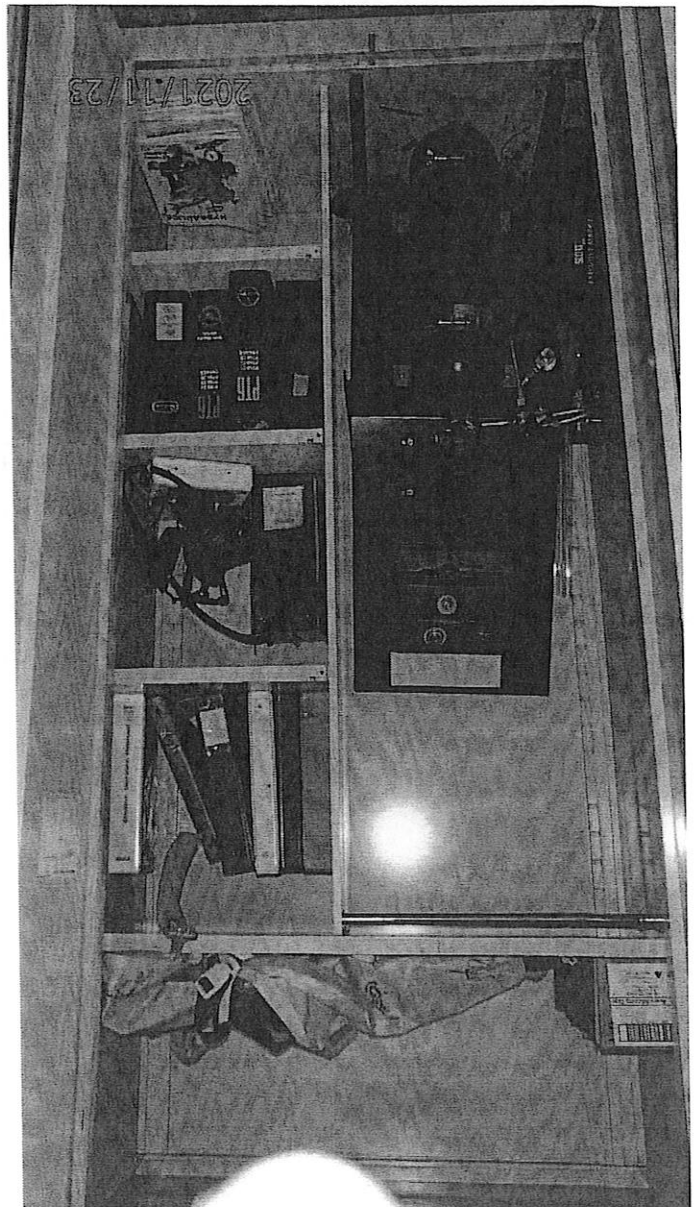
Flight Instruments & Radios



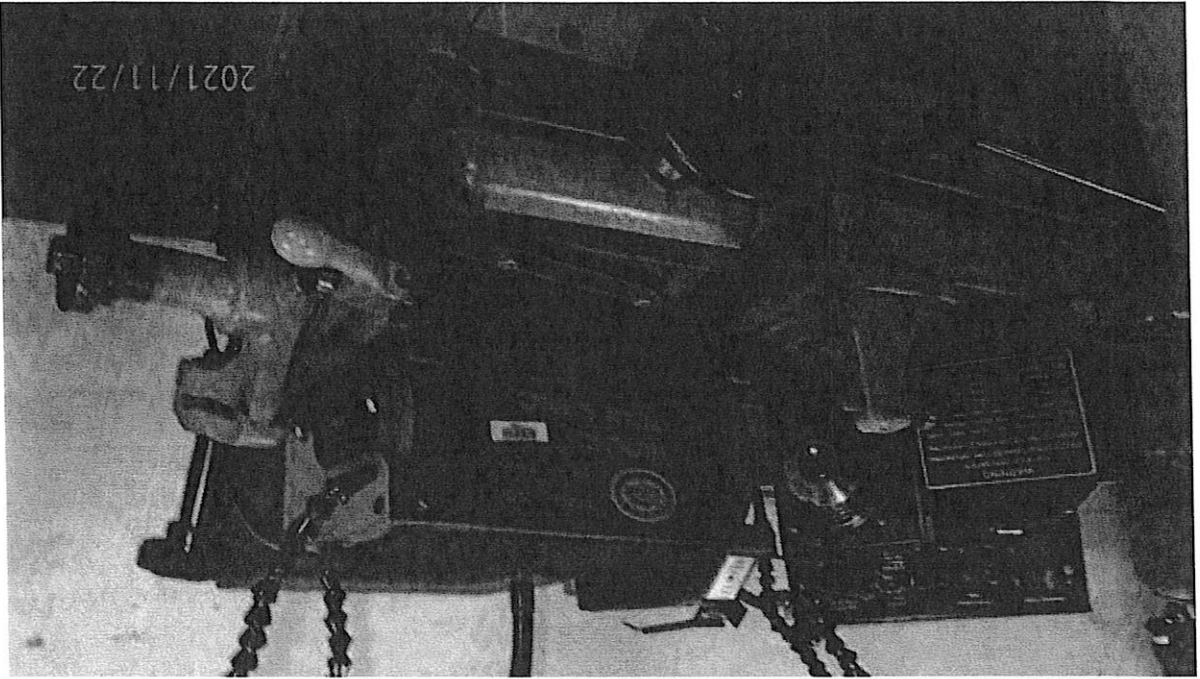
Ignition & Magnetos Cabinet



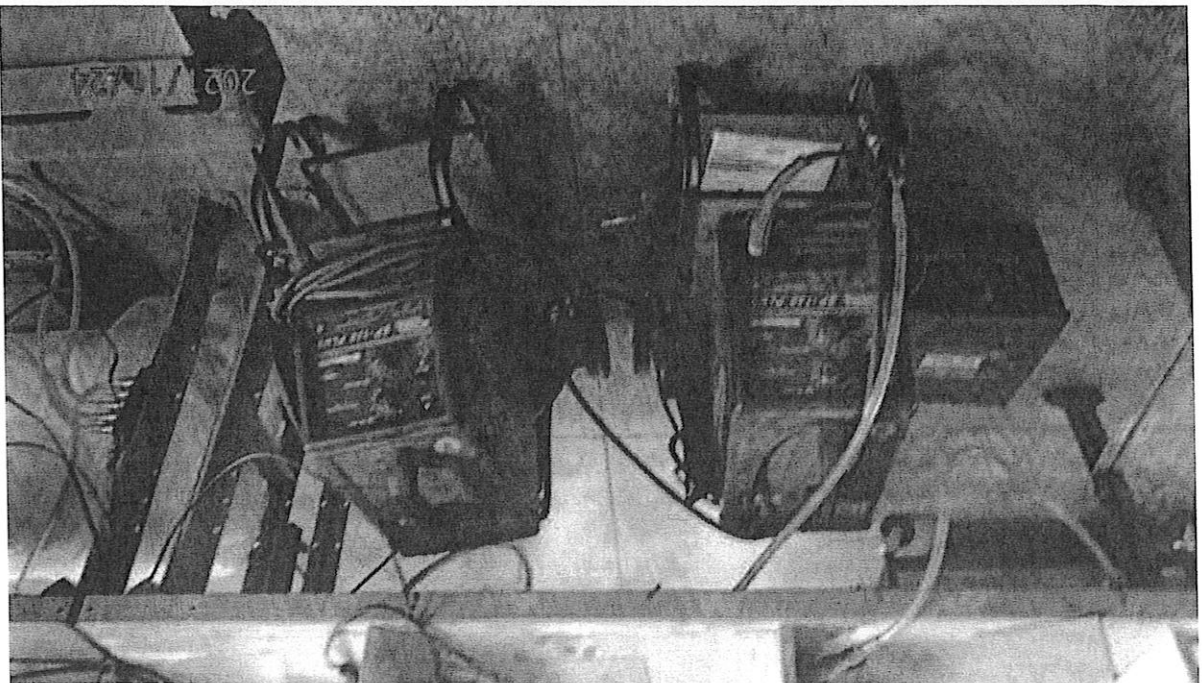
Oxygen & Safety Equipment



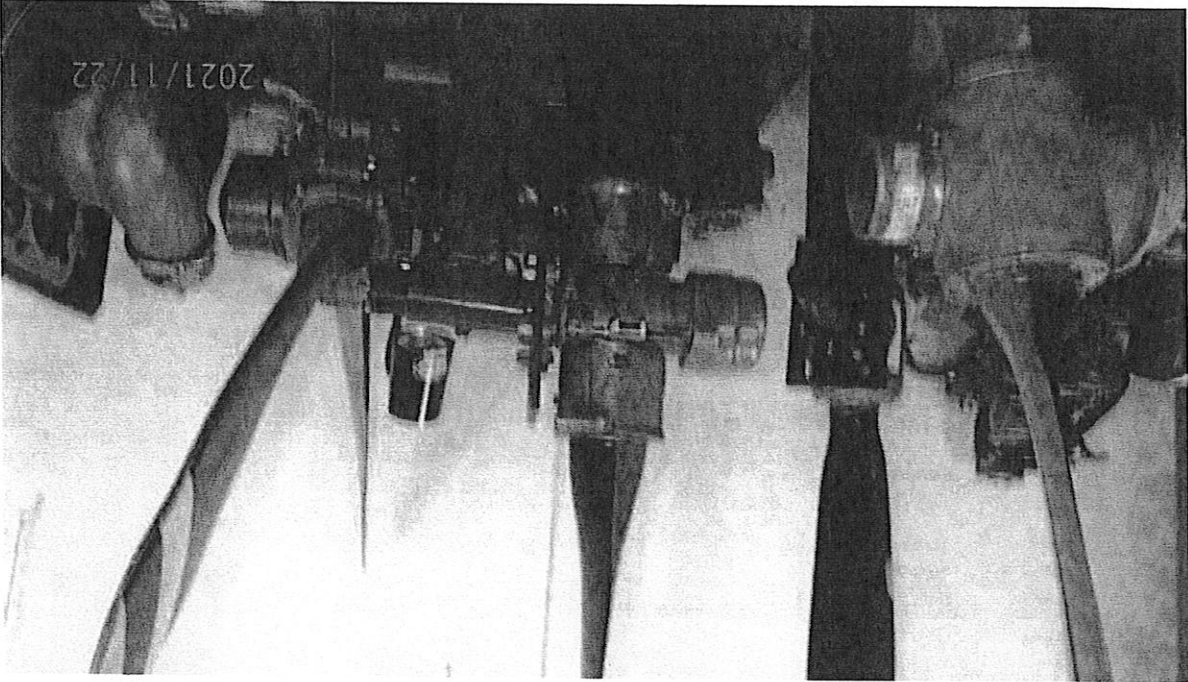
Sioux Valve Grinder



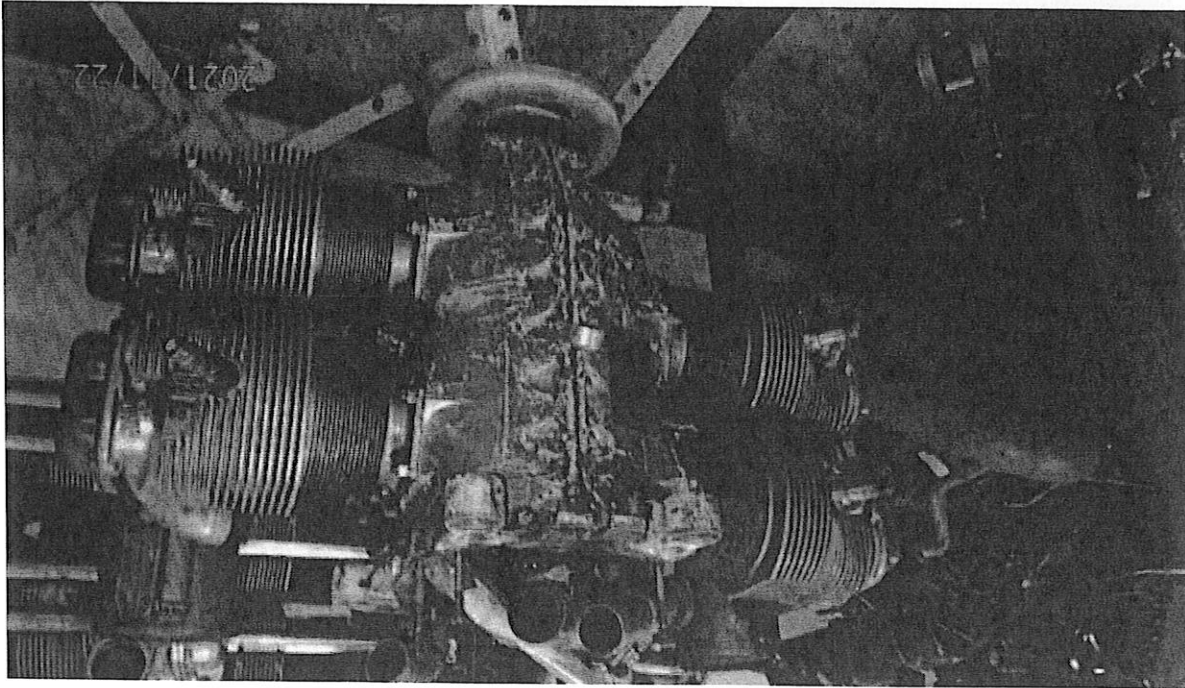
Lincoln Welders



Propellers (Typical)



Engines (Typical)



Radial Engine Trainer

