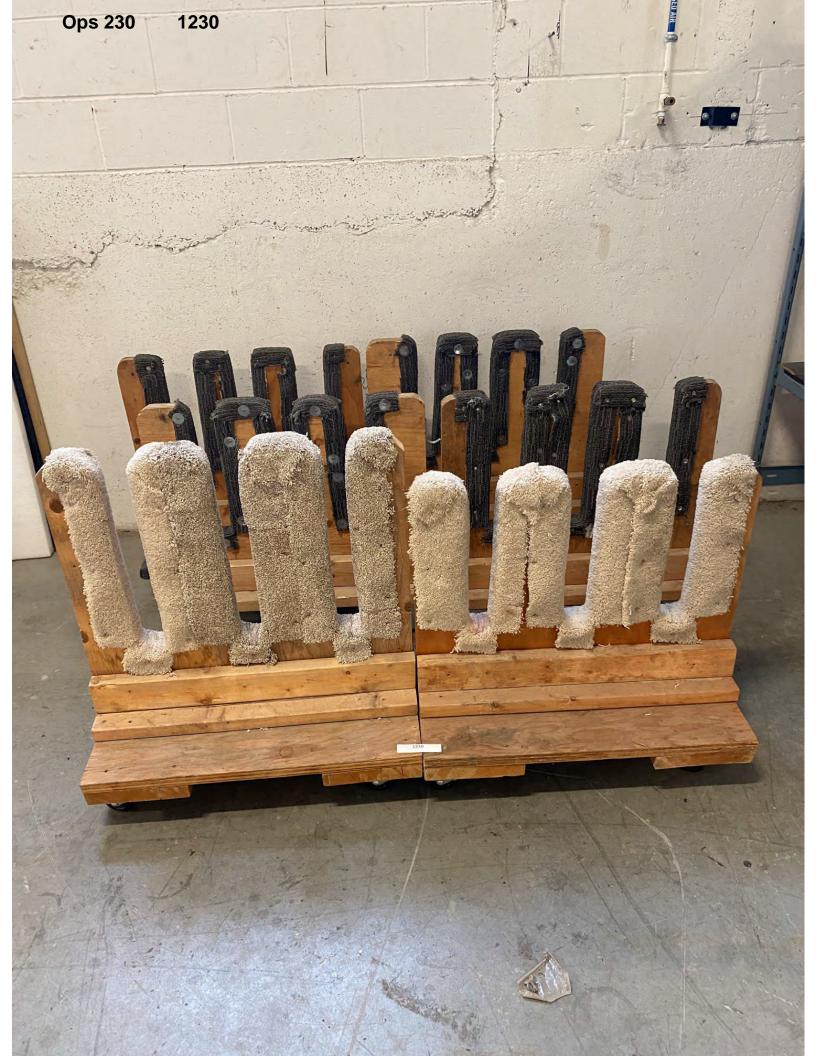
TABLE OF CONTENTS

Inventory Listing Pictures

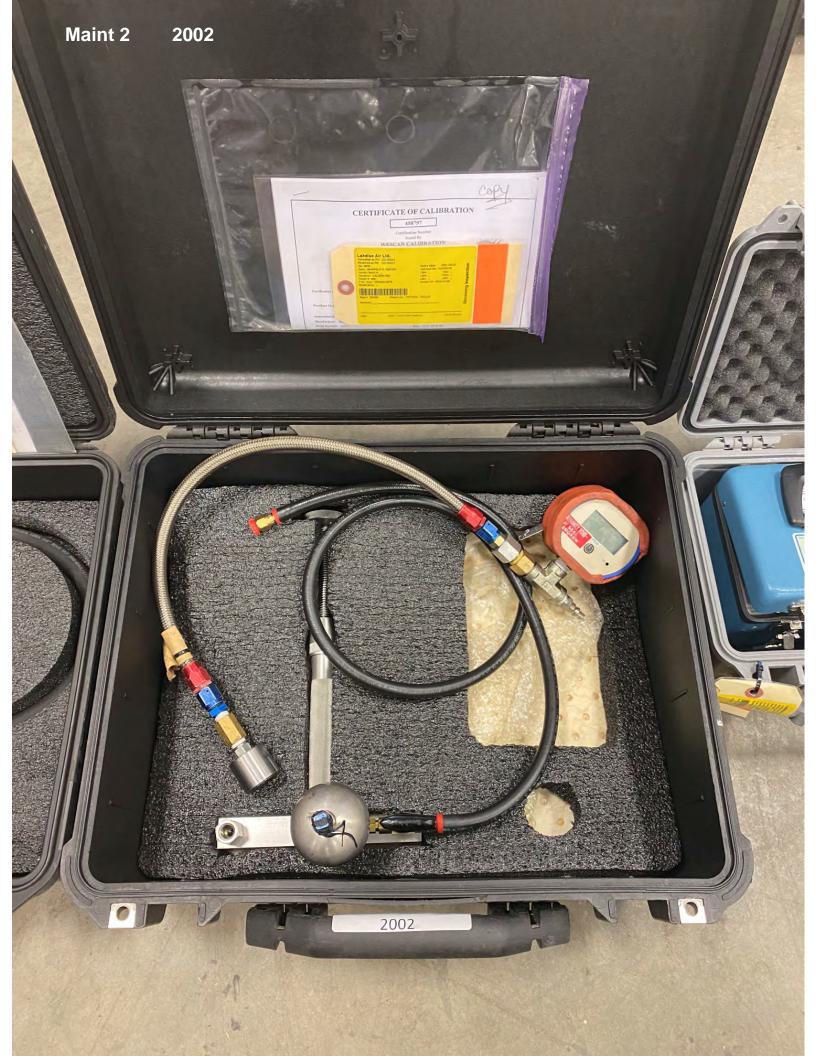
Aircraft Specialty Tools	2 – 136
Furniture & Office Equipment	137 – 157
General Shop Equipment	158 – 240
Ops Gear	241 – 519
FLYIT Professional Training Simulator	520 – 550

Aircraft Speciality Tools – Pictures













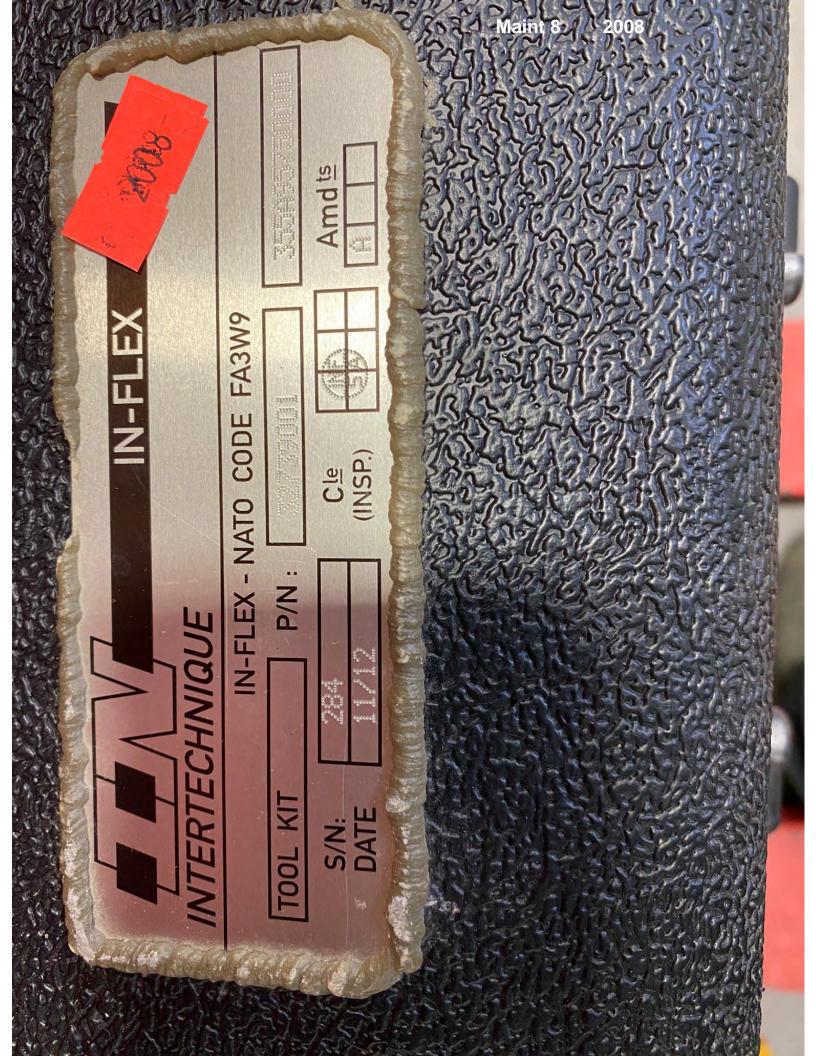










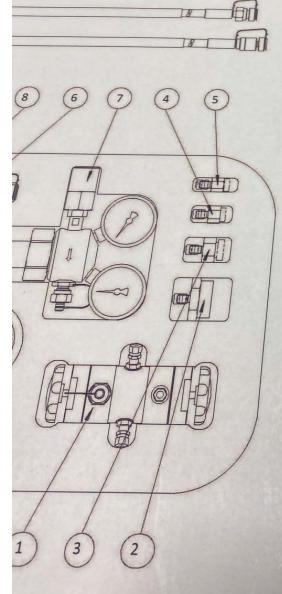


IN-FLEX ZODIAC AEROSPACE





AIRCRAFT SYSTEMS



Rep		Qté Qty		lerence Number	
1	Robinet de contrôle Control valve	1	32	519001	
2	Coupleur ARRIEL ARRIEL.coupling	1		R1049	
3	Coupleur ARRIUS ARRIUS coupling	1	1	R1048	
4	Coupleur LTS I.TS coupling	1		R1050	
5	Coupleur ALLISON ALLISON coupling	1		R1047	
6	Raccord orientable à 120° Swivel connector 120°	1		33489001	
7	Manodétendeur Pressure reducer	1	1	32249001	
8	Etui de rechanges Case of spares seals	1	1	33519001	
9	Manomètre équipé 0/60 bar-PSI Pressure gauge 0/60 bar-PSI		1	DV1014	
0	Manomètre équipé 0/6 bar-PSI Pressure gauge 0/6 bar-PSI		1	DV1016	
	Flexible HP, azote, double M12x1, 2.6m HP nitrogen pipe, double M12x1, 2.6m		2	TA1004	
2	Flexible HP, AIR3520, double NATO, 1n HP oil pipe, double NATO, 1m	1		3372900	

2008





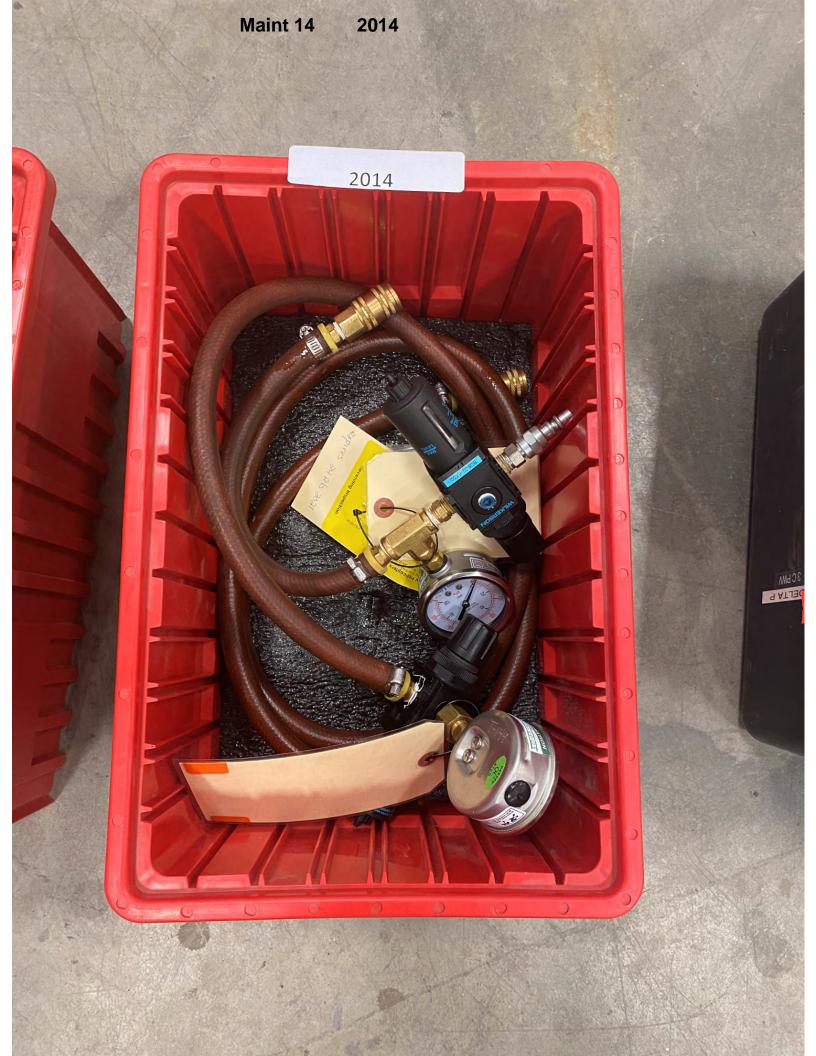


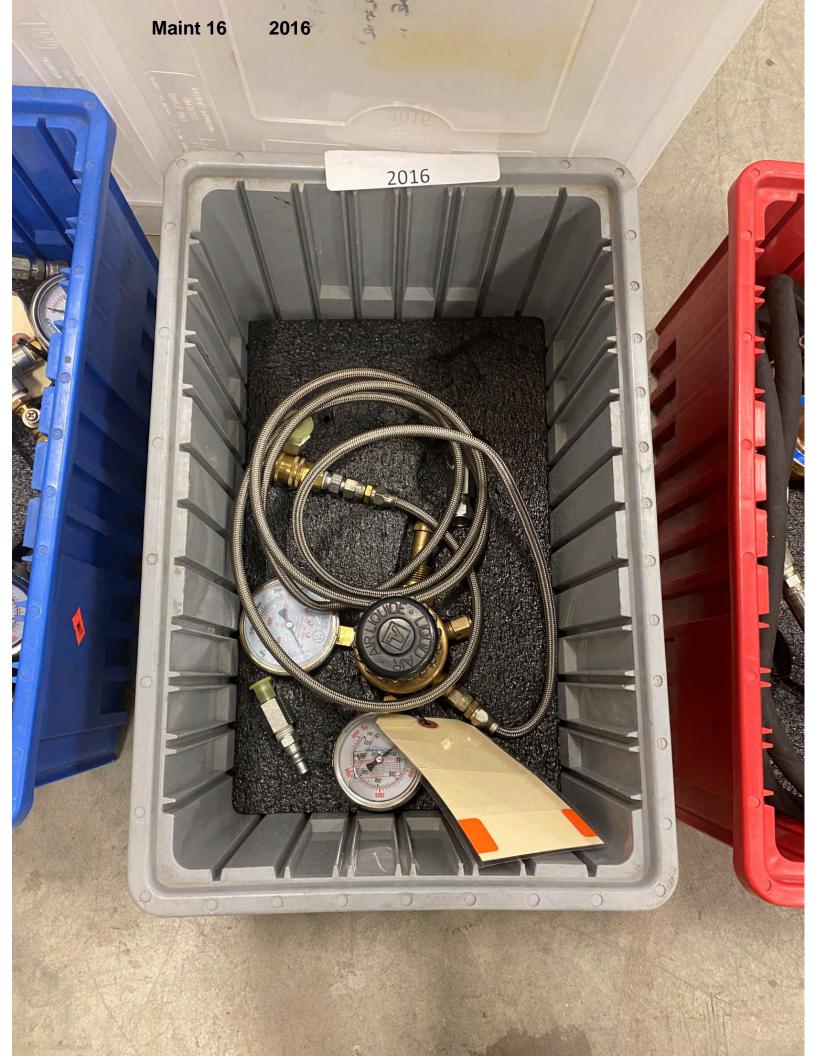


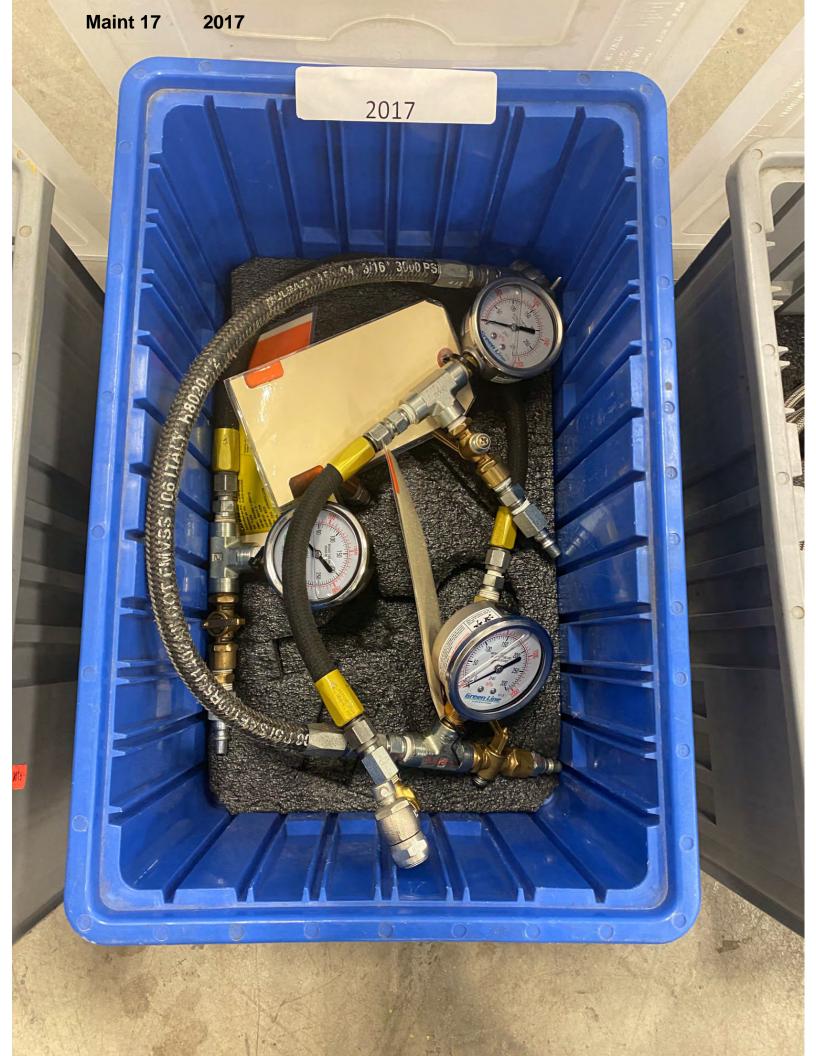






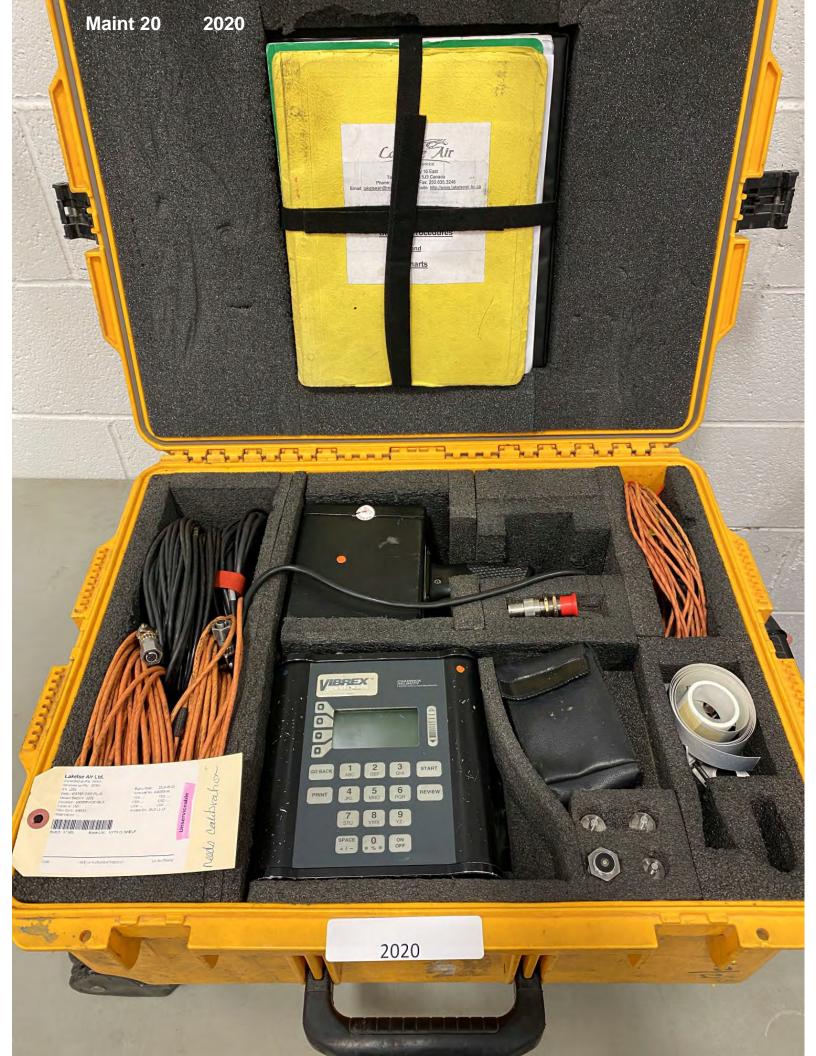














2021 AMIGNACA COOL S1001 S1005 Balance 21445































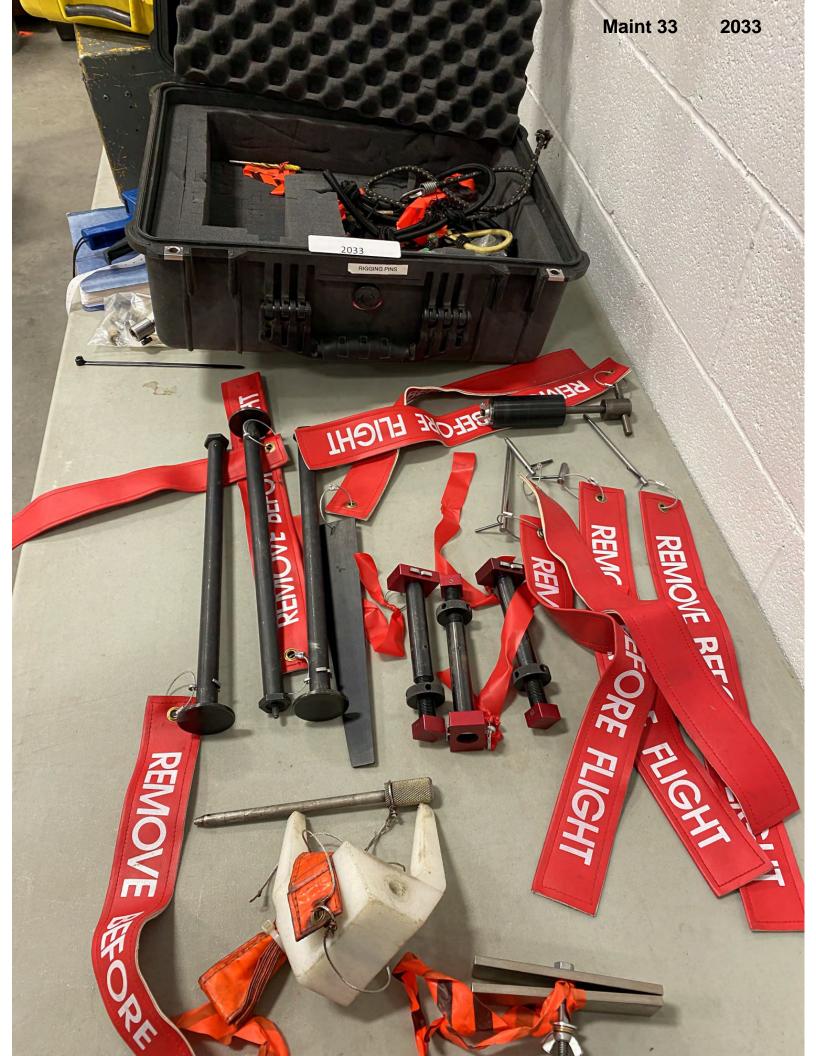






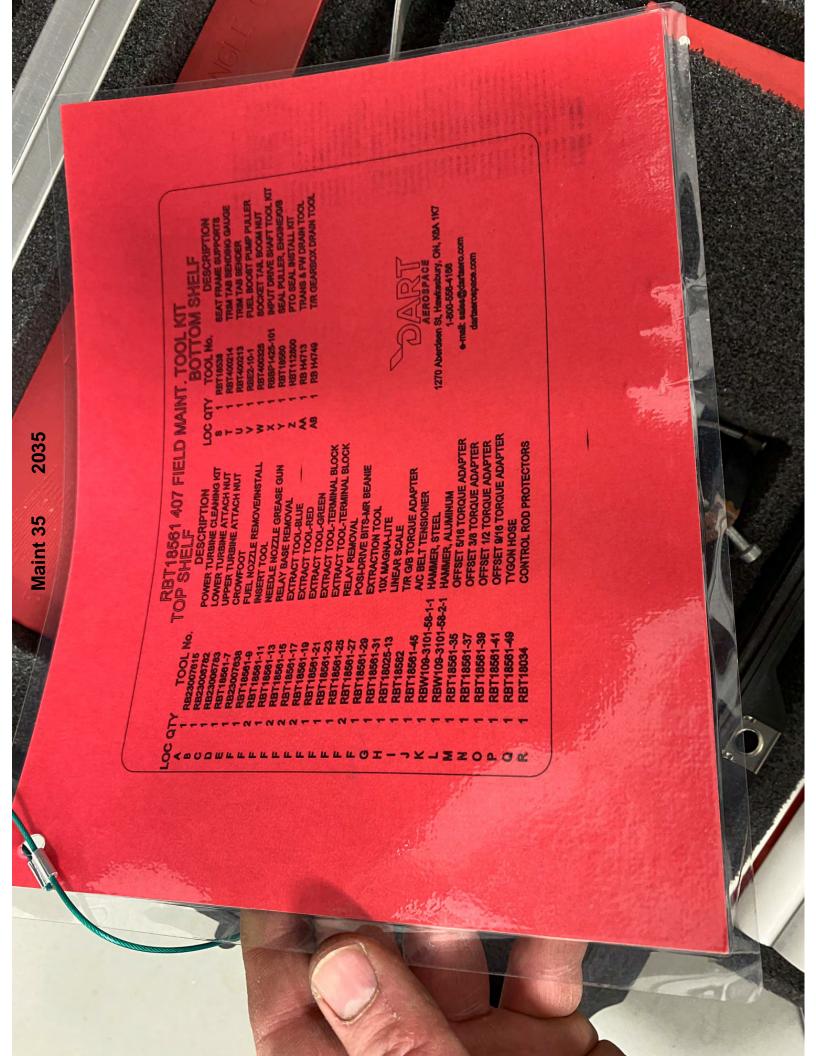


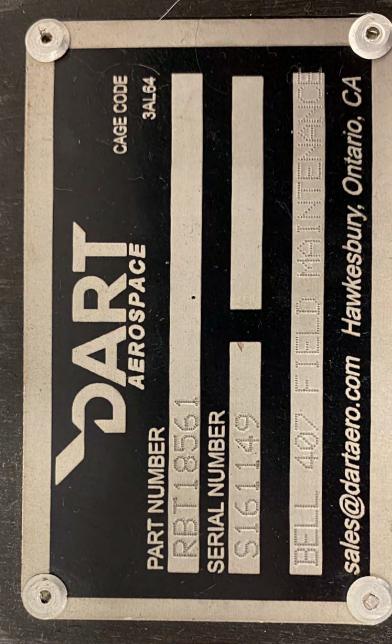








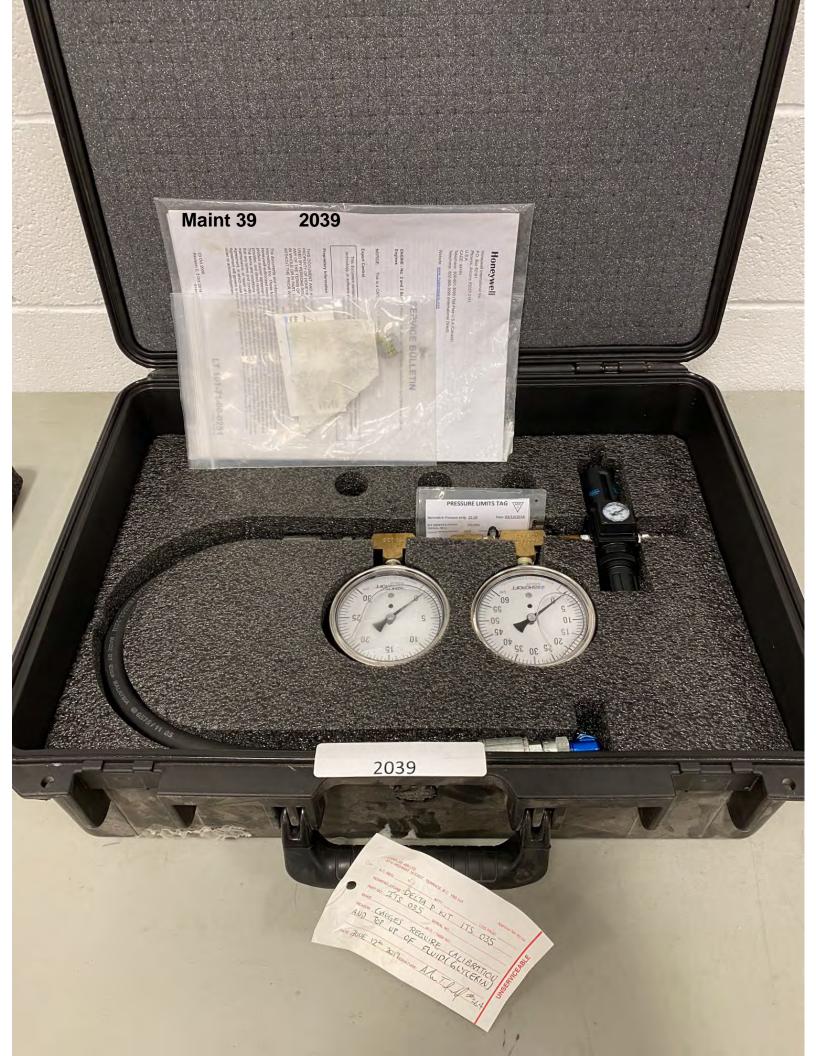














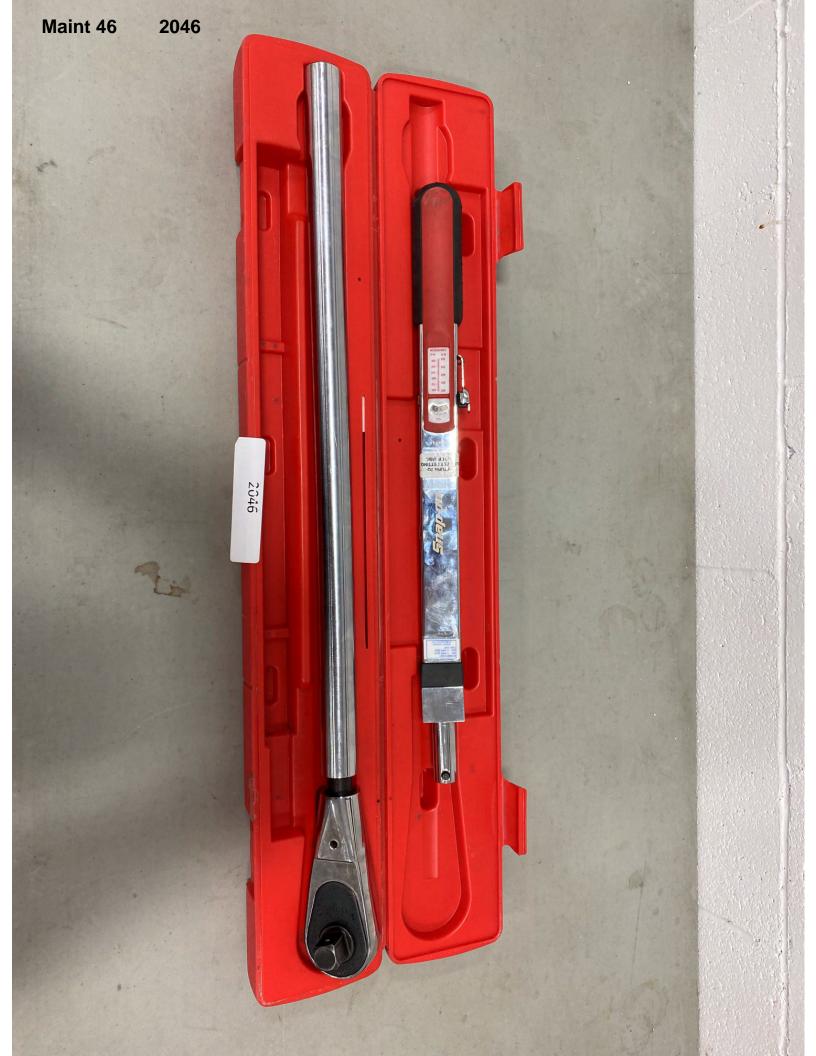






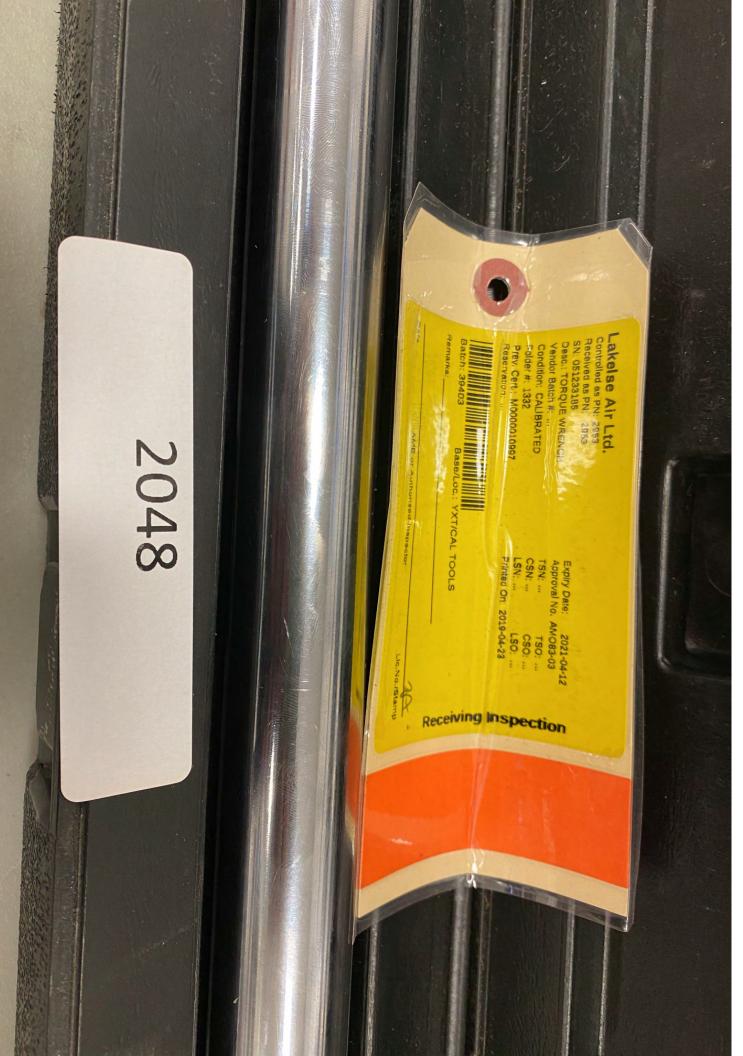
























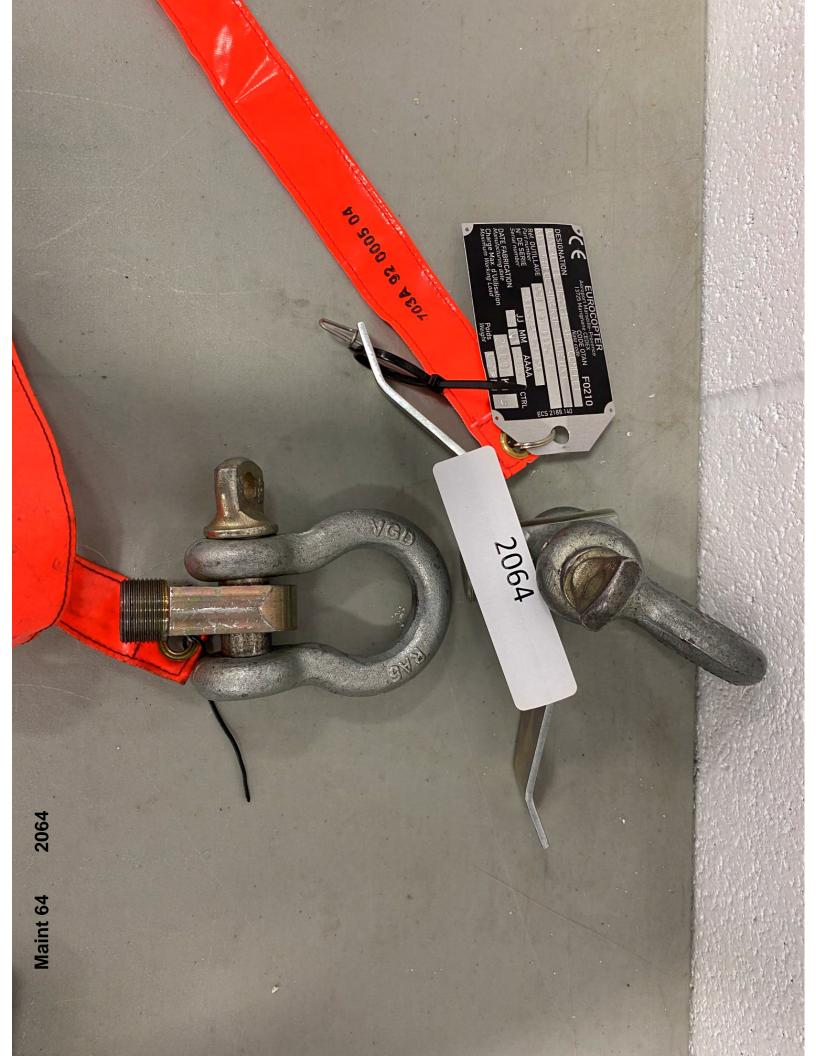








FACET
P/N: 1741175
INDICATOR TEST
ELEMENT
ELEMENT
REMOVE AFTER
TEST
TEST
AM9-AA1







350 A 94 5201-20 AMGC 9040



Product No. 7401-0076

Tension Tester Up to 30 lbs. deflection force























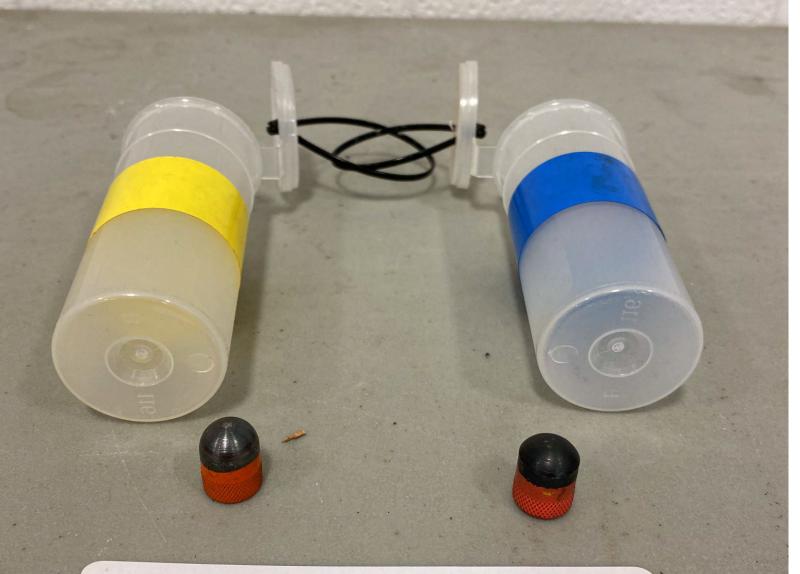










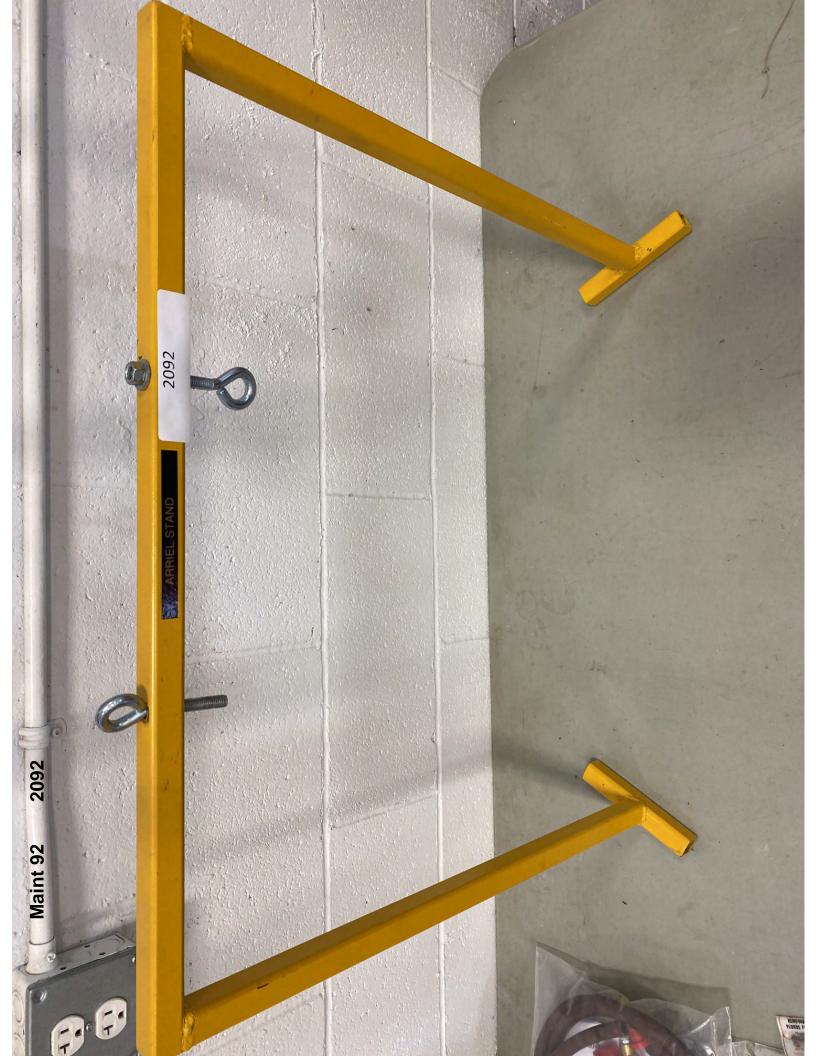


































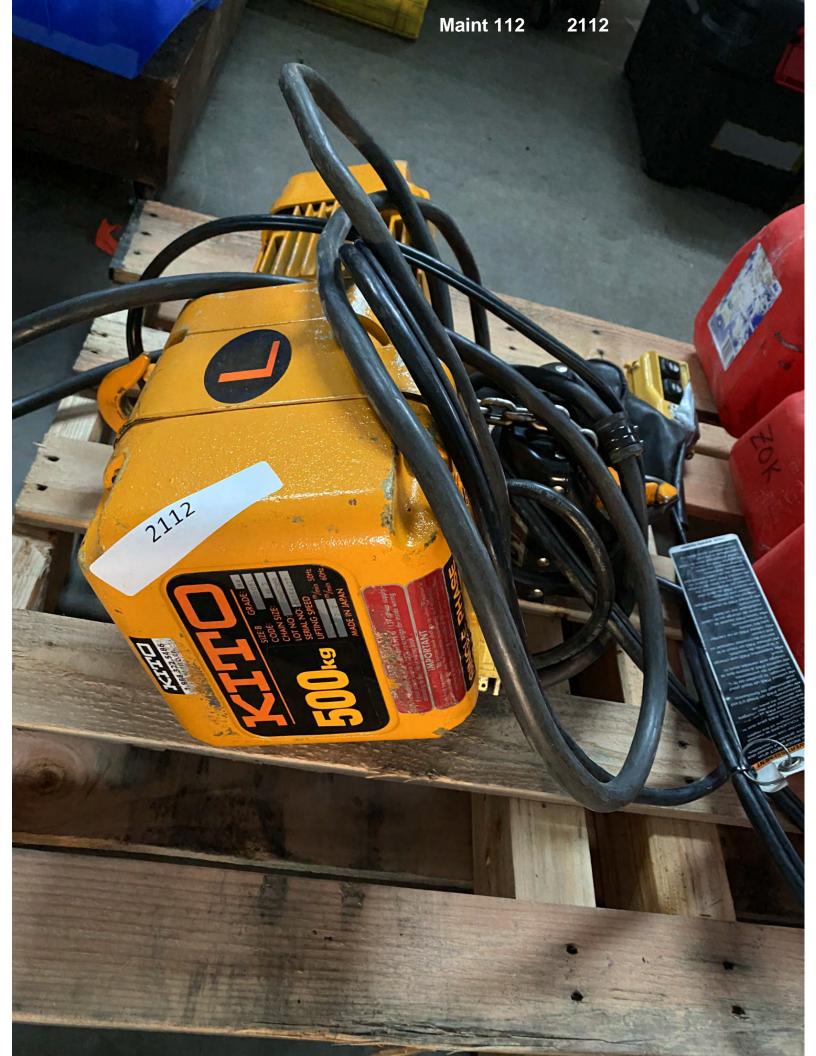








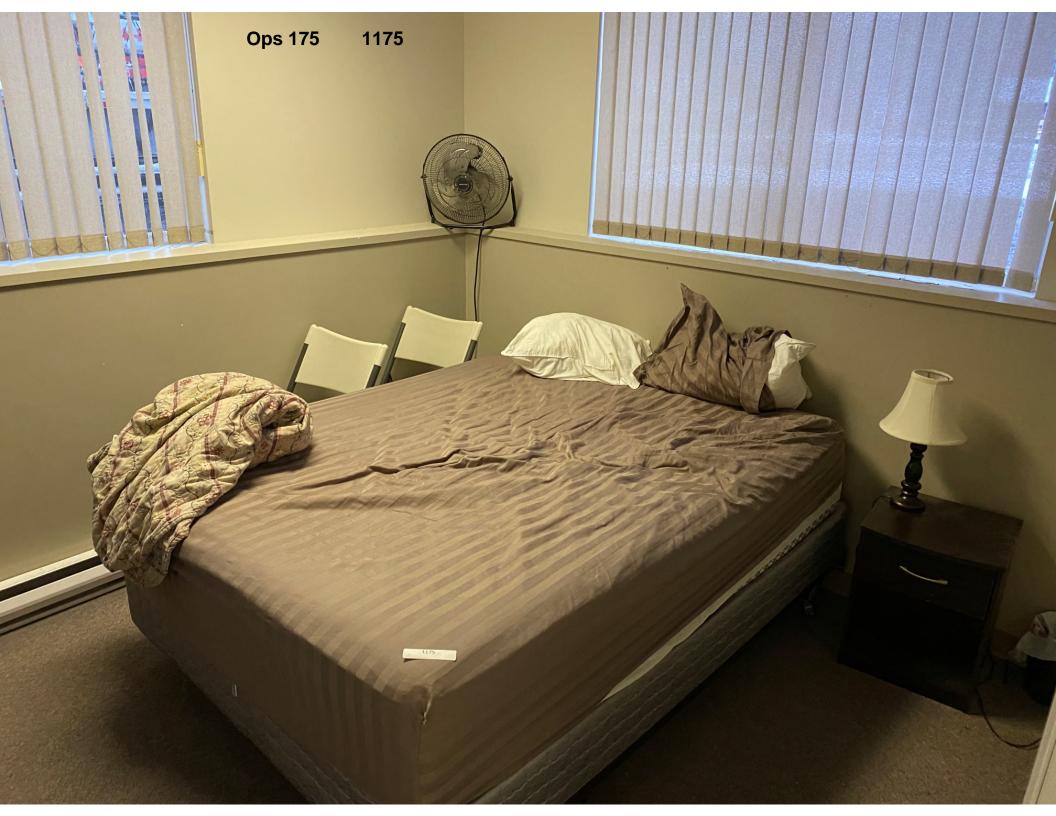


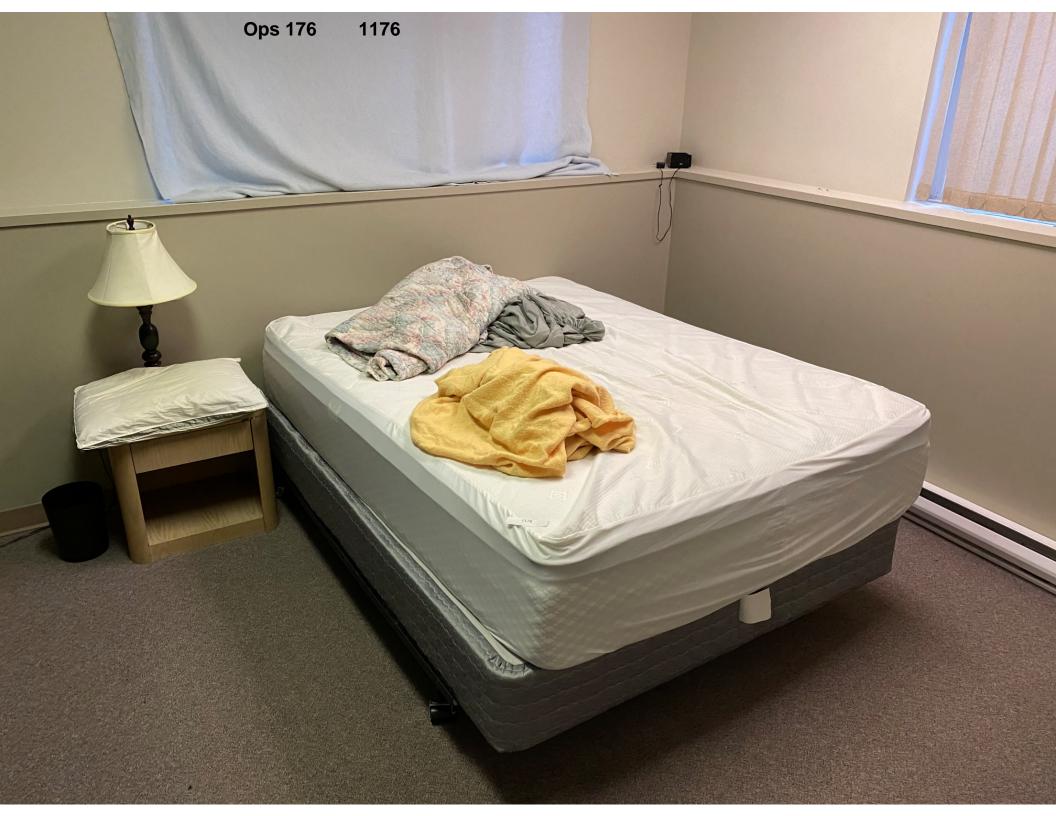


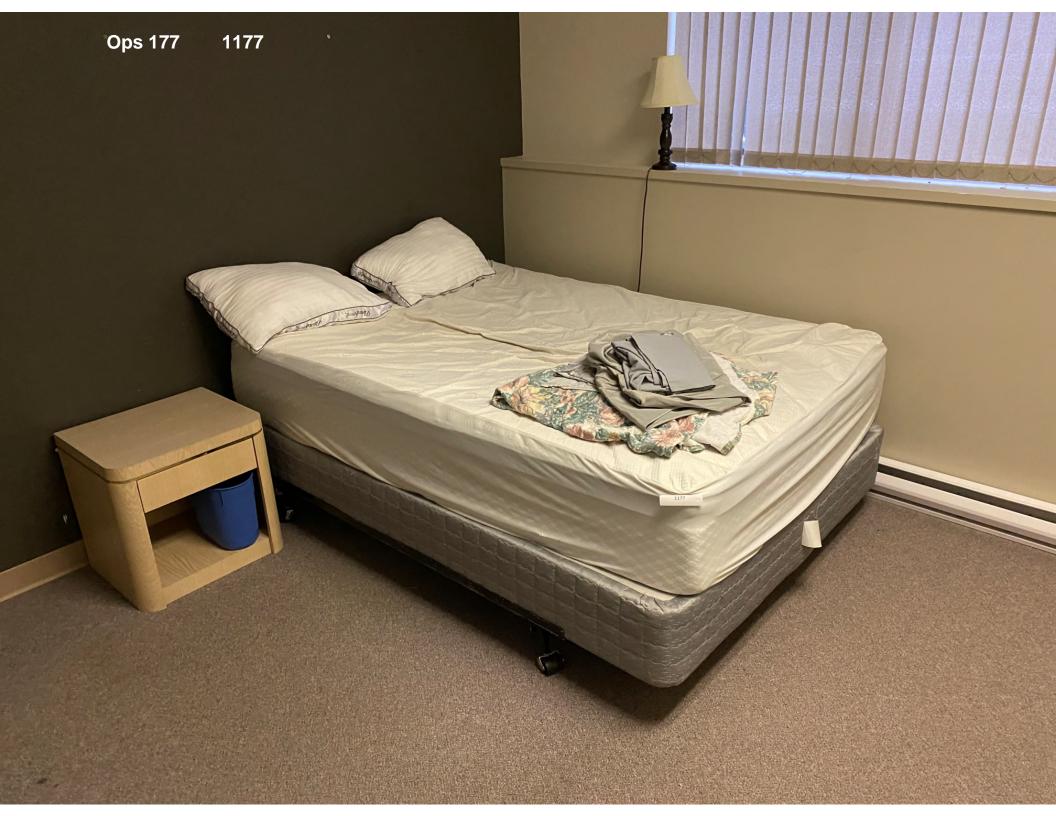


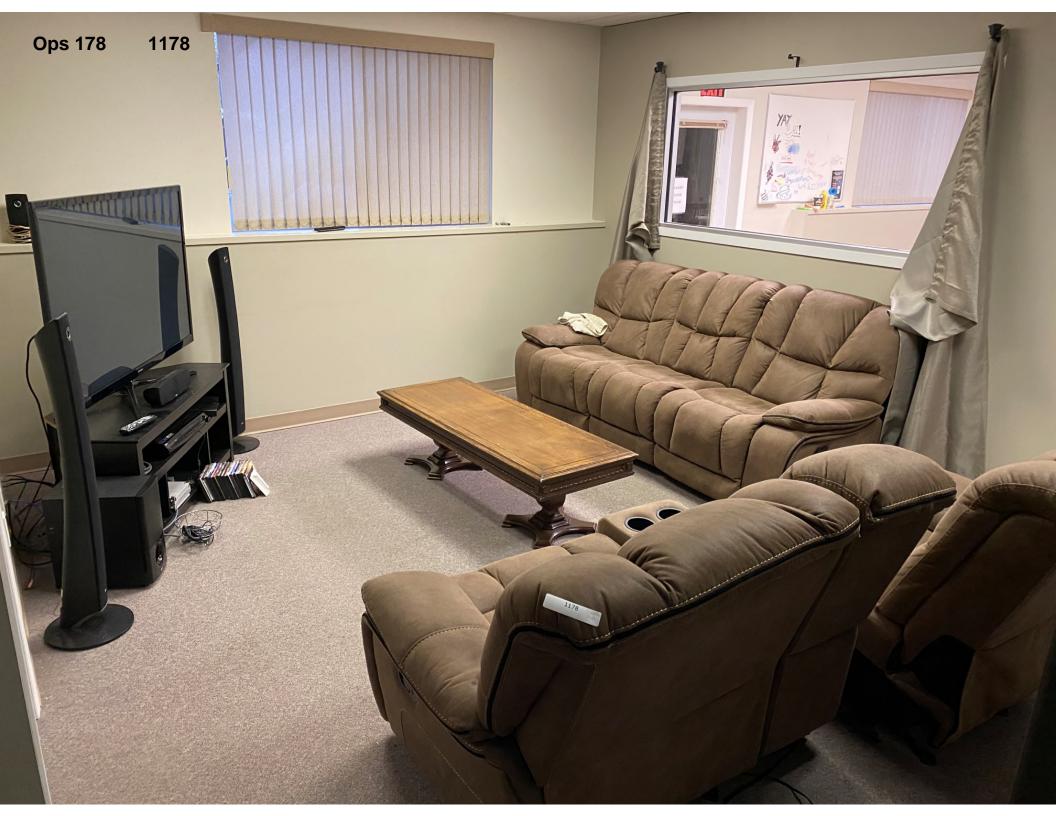


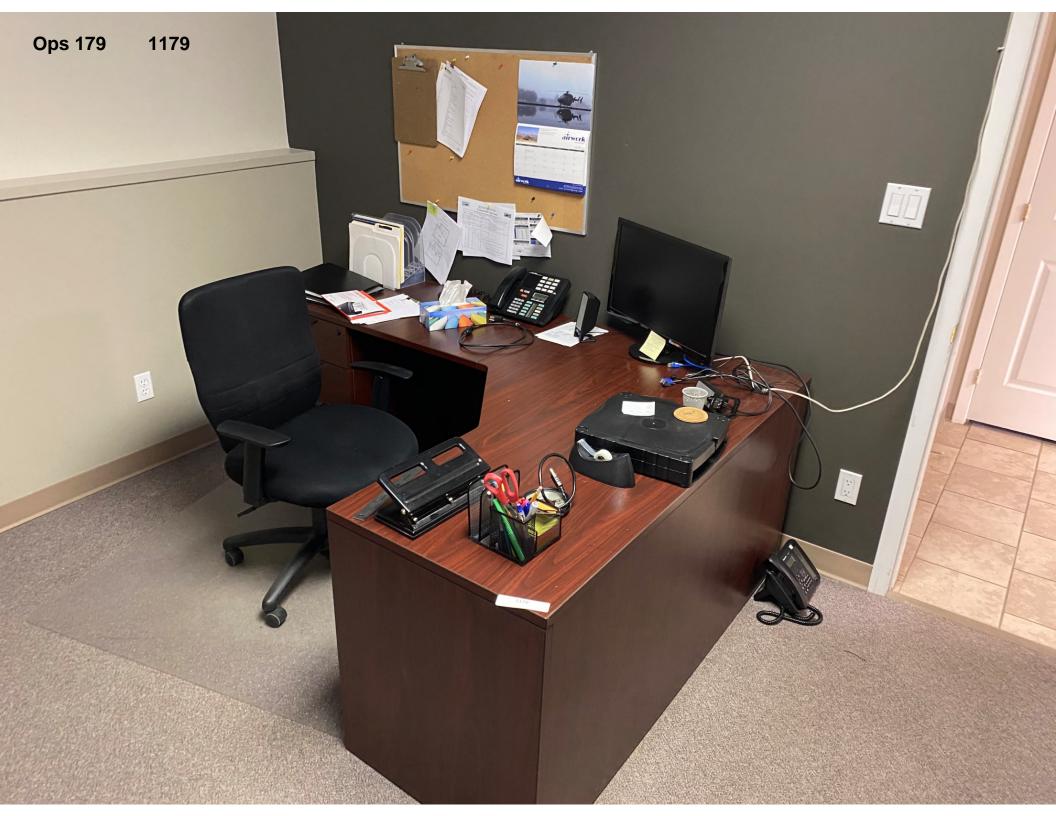








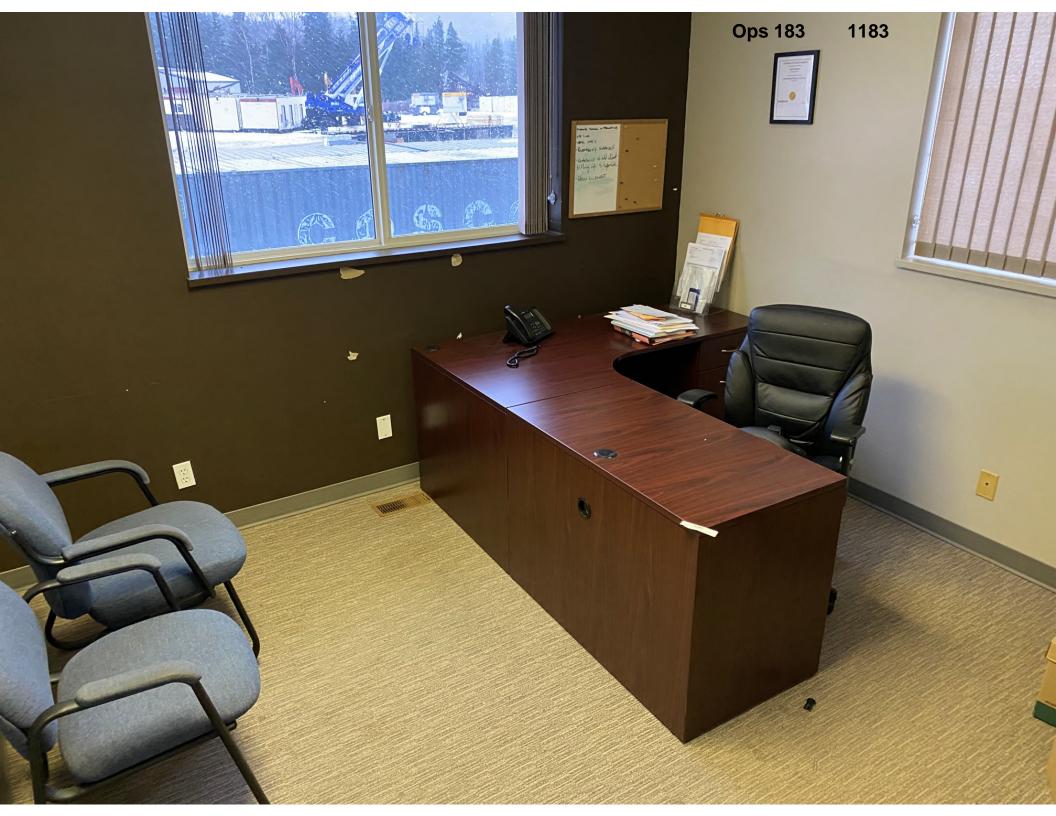




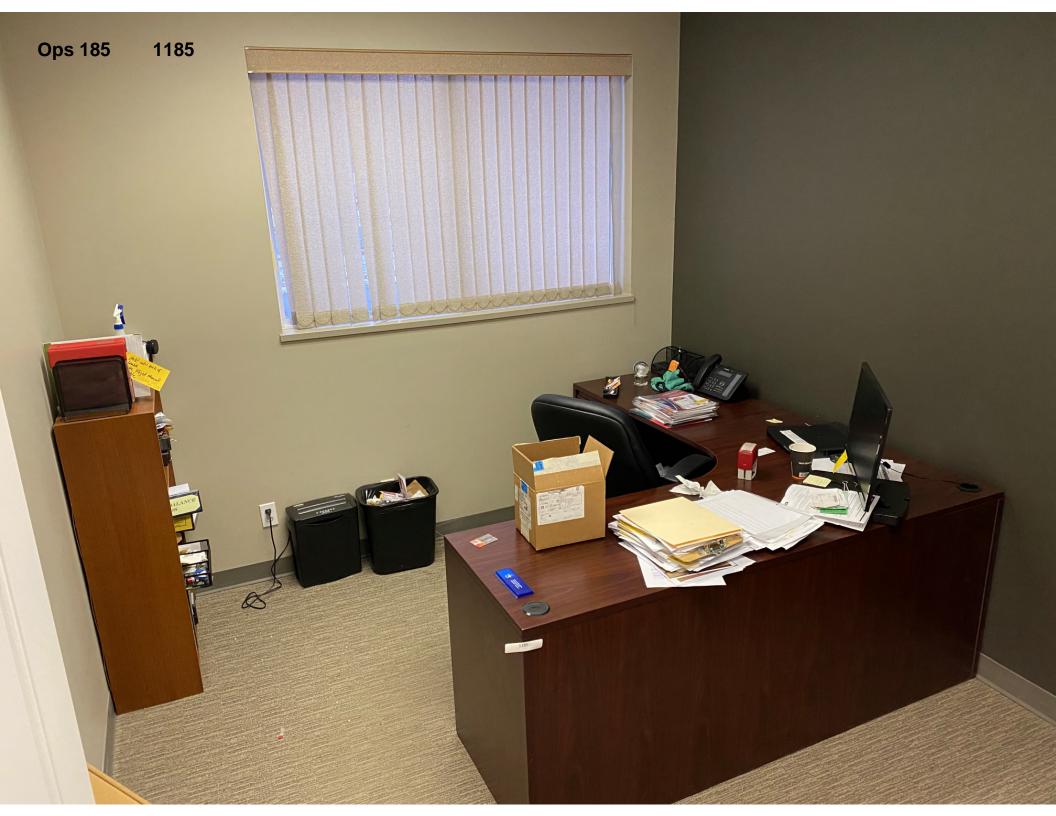


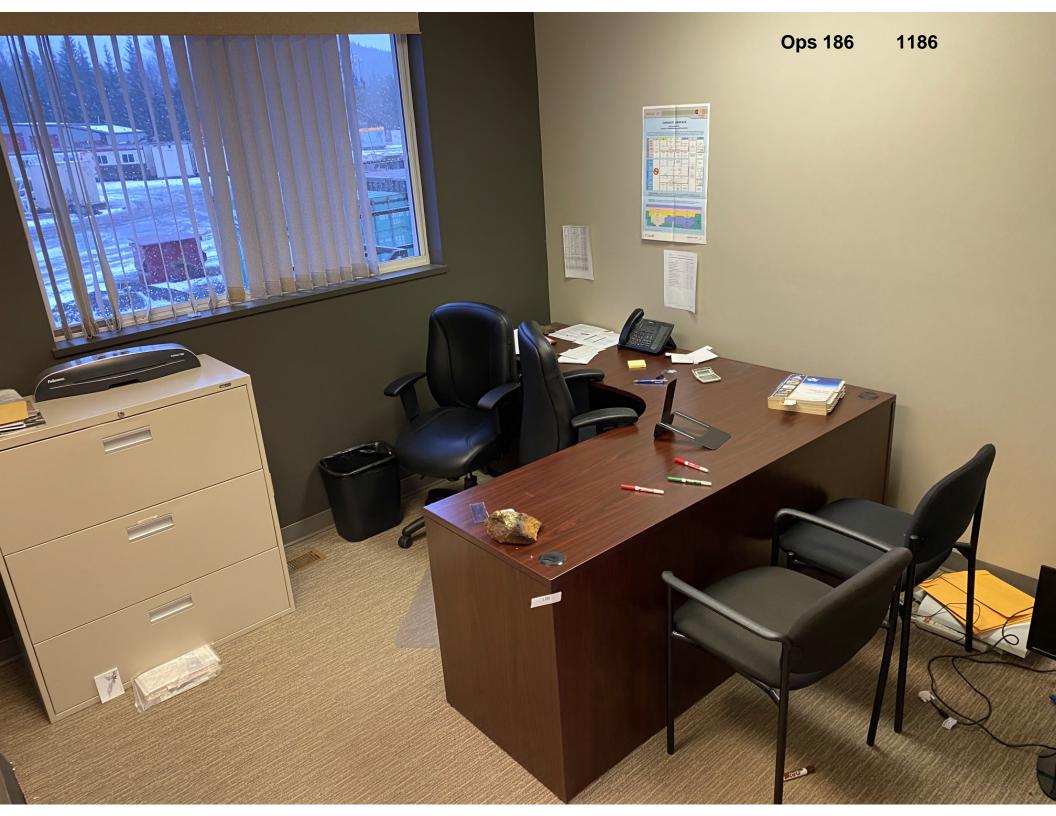


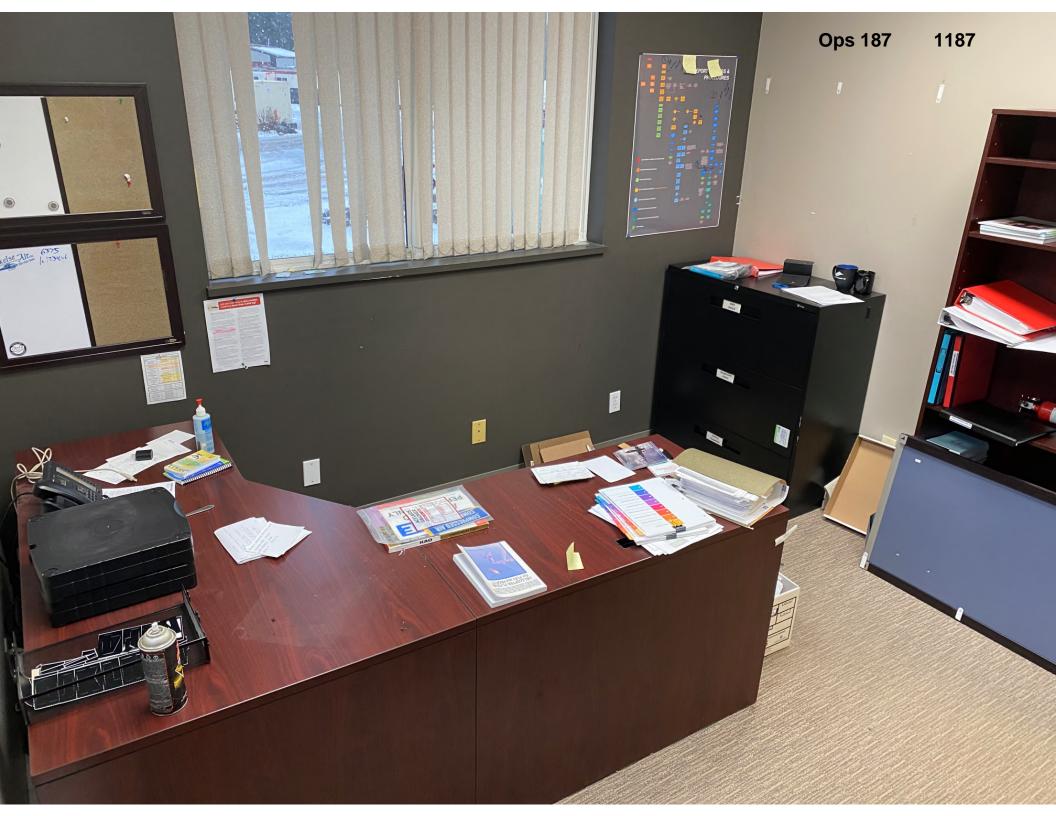


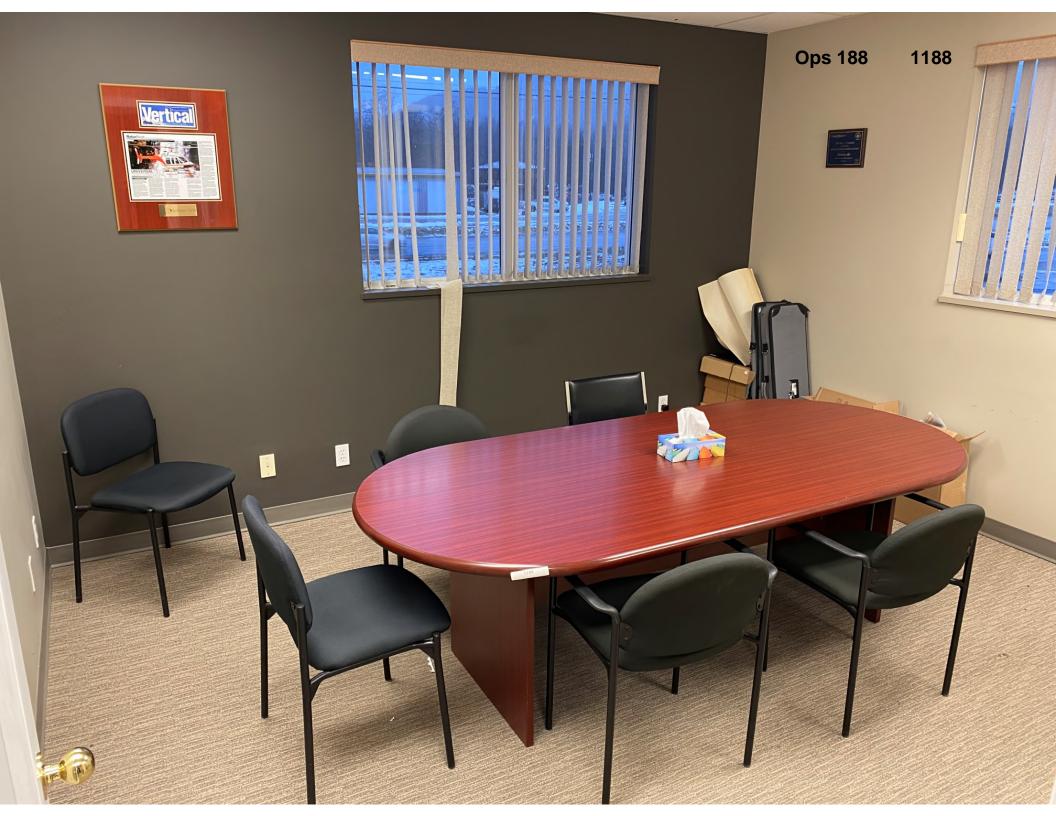


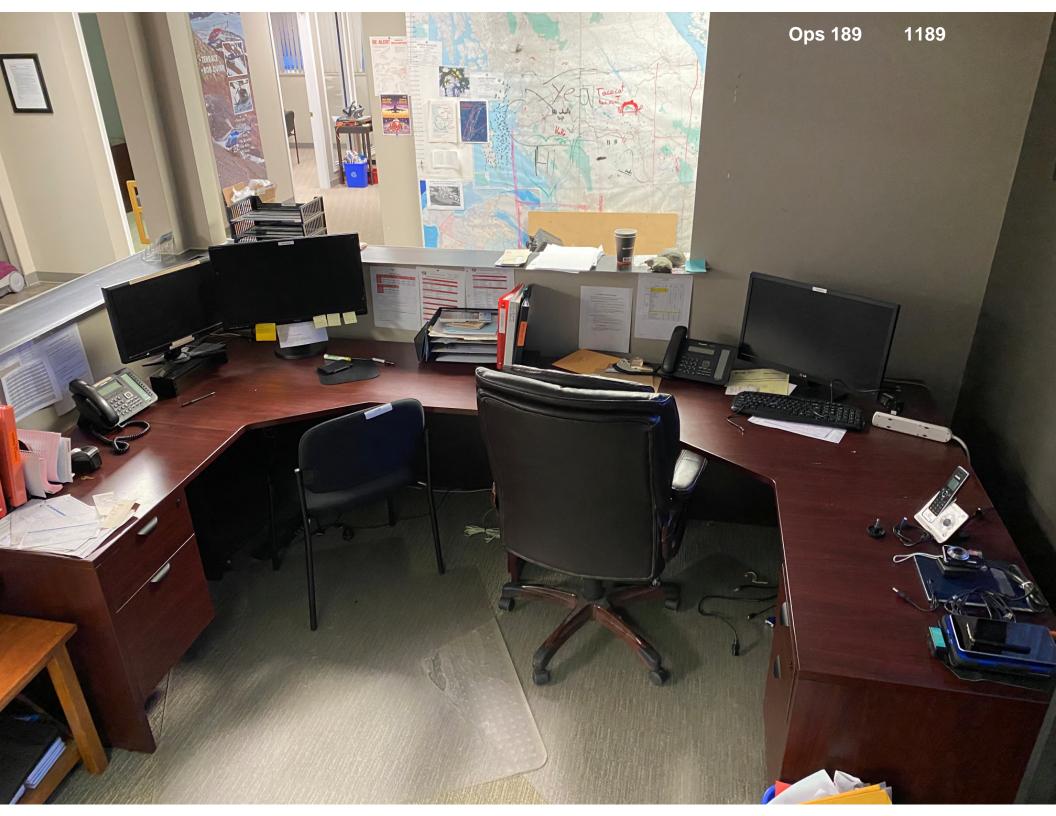


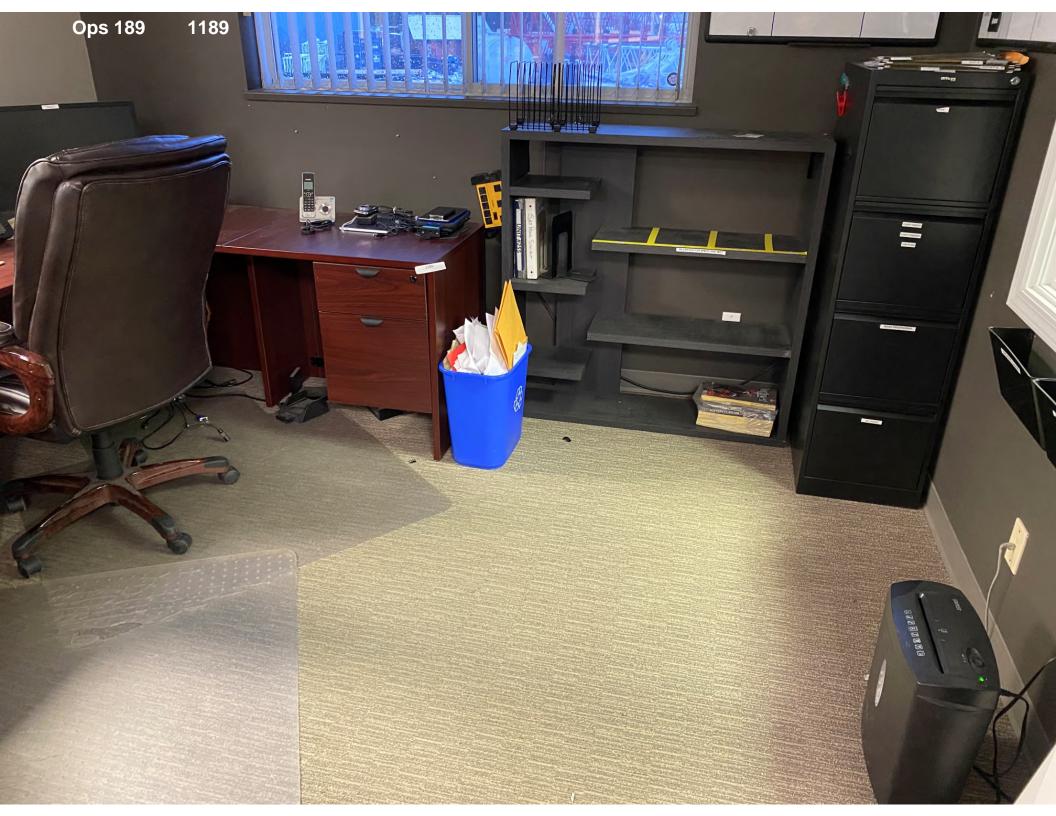














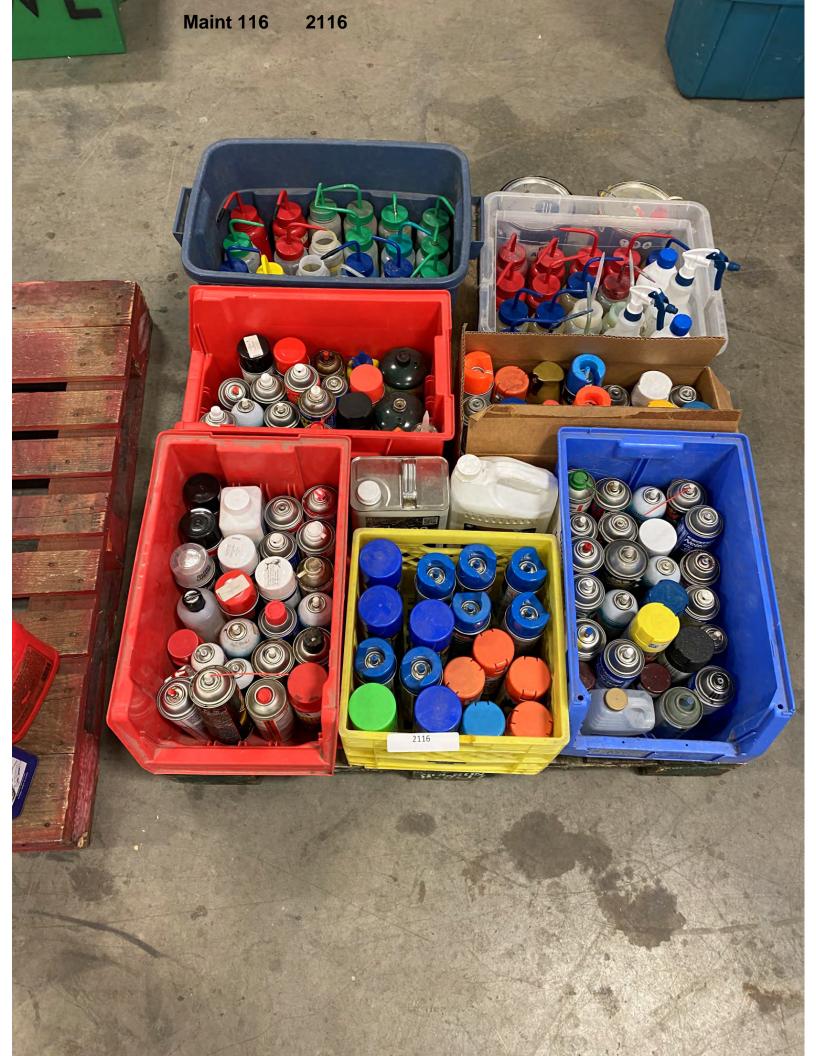




General Shop Equipment – Pictures



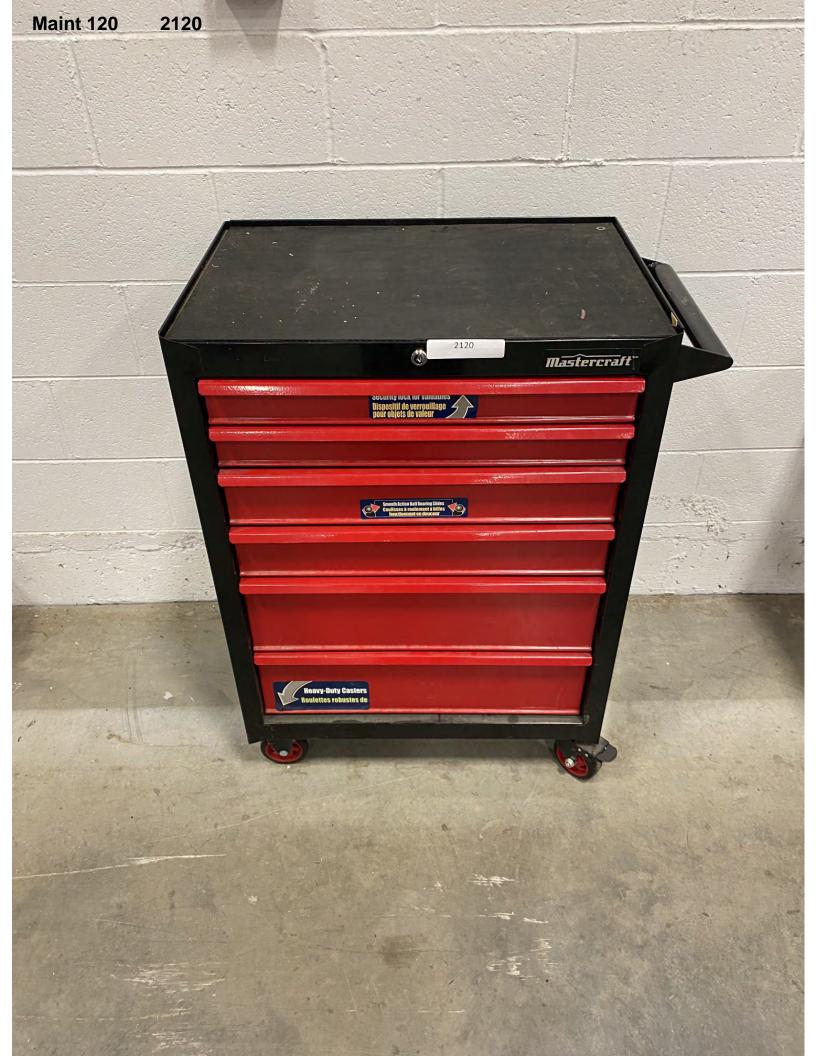


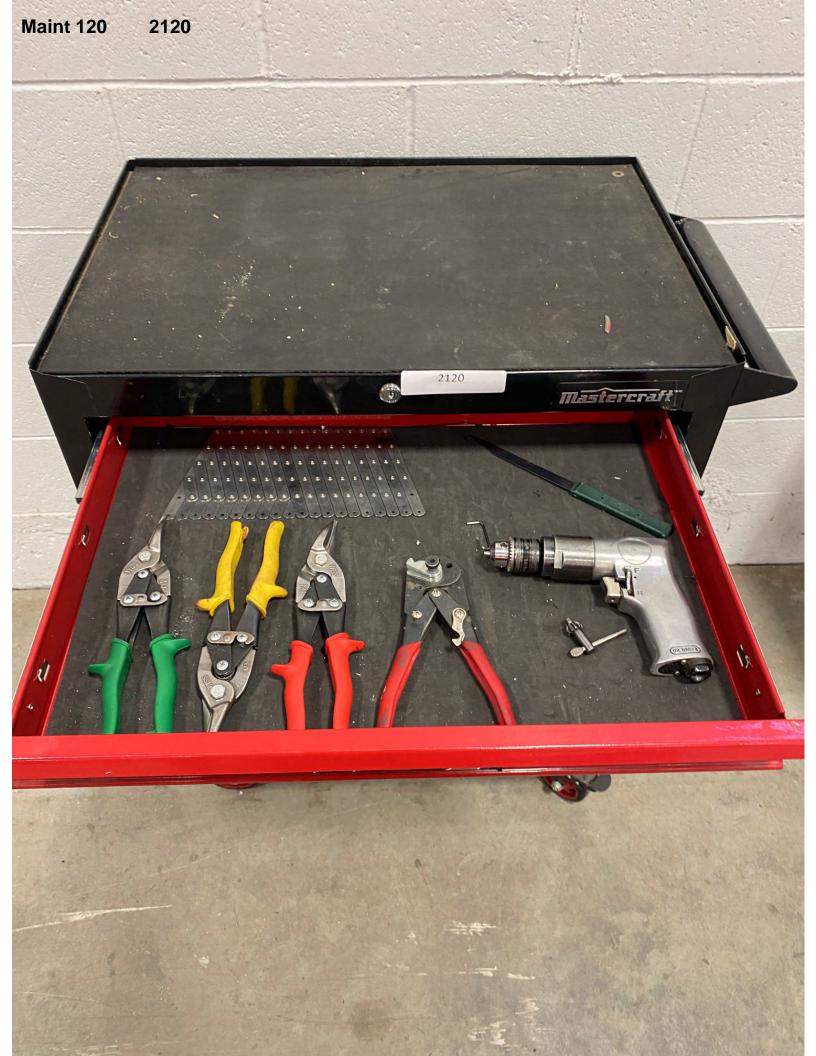




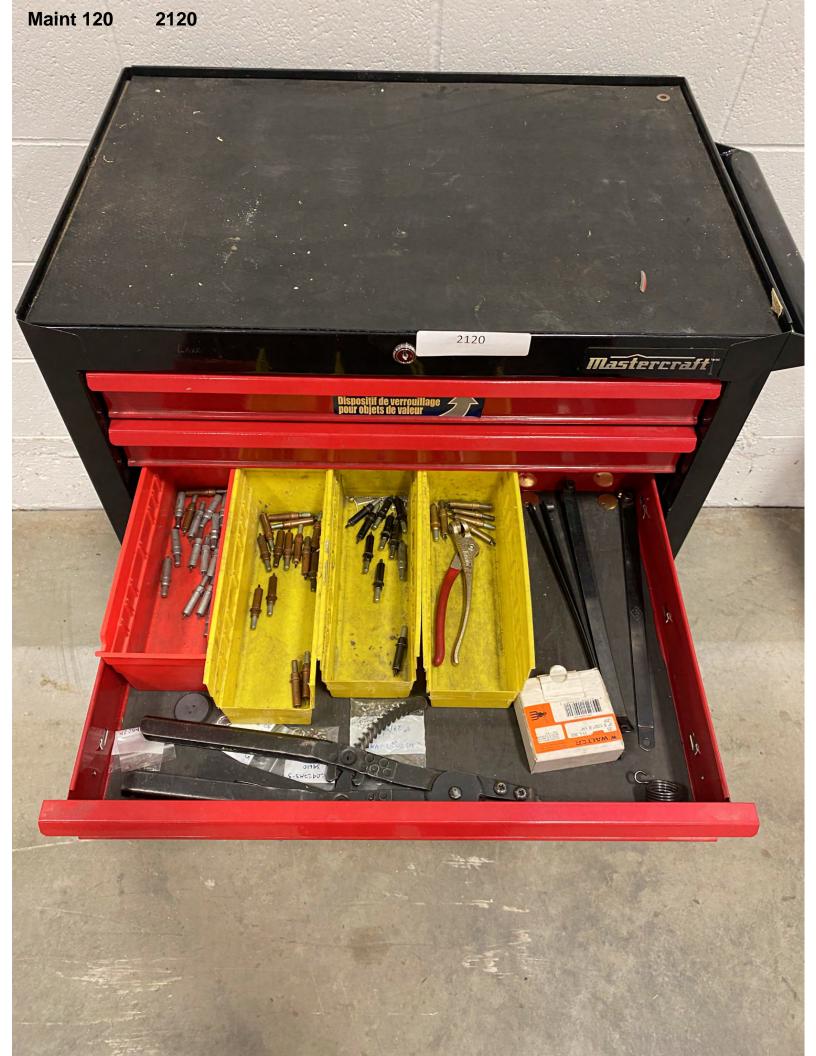




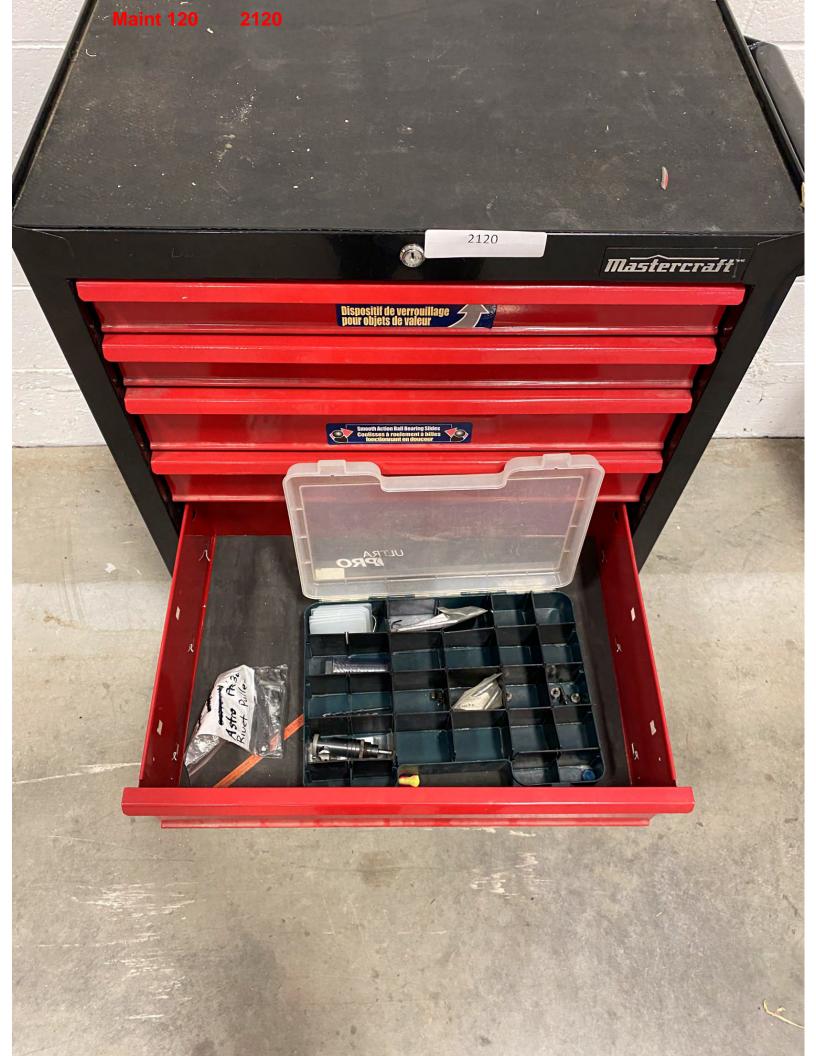














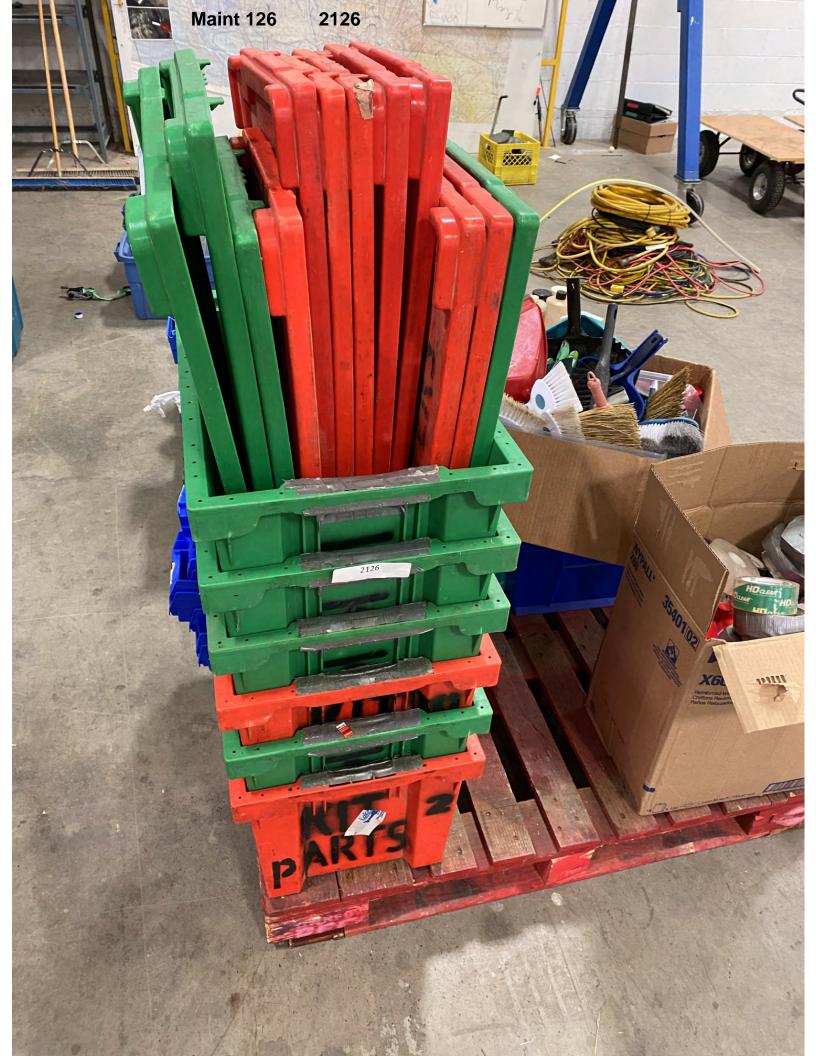


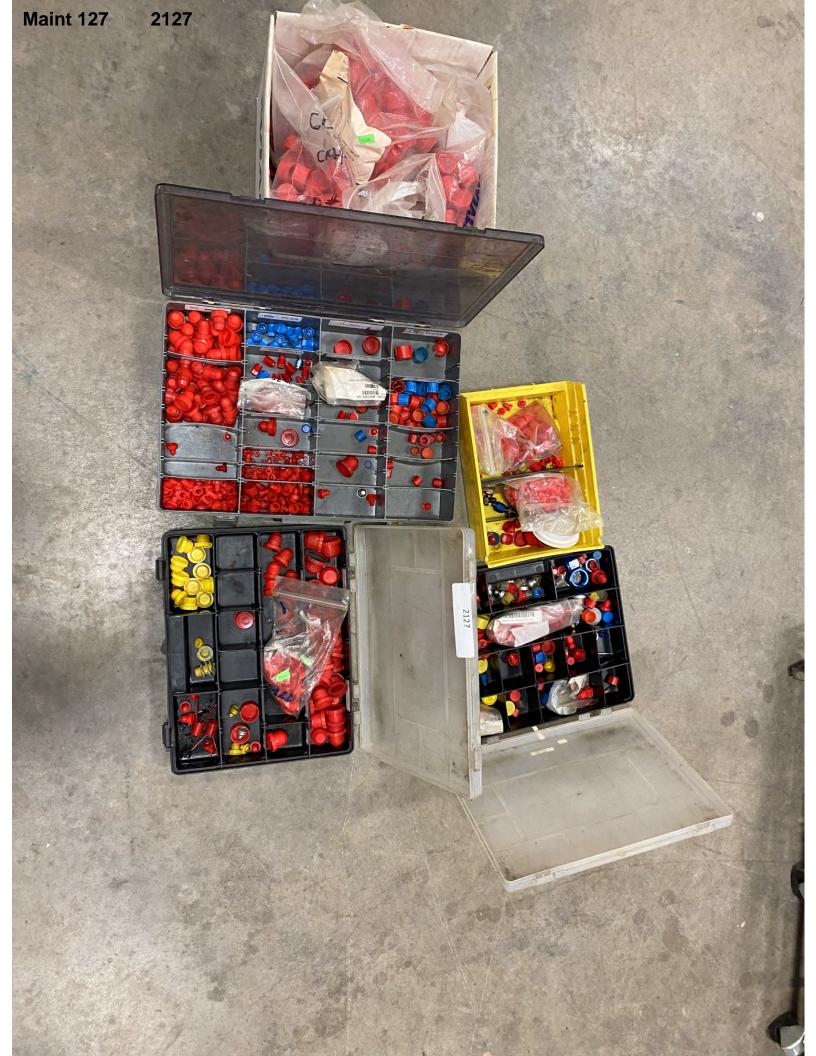


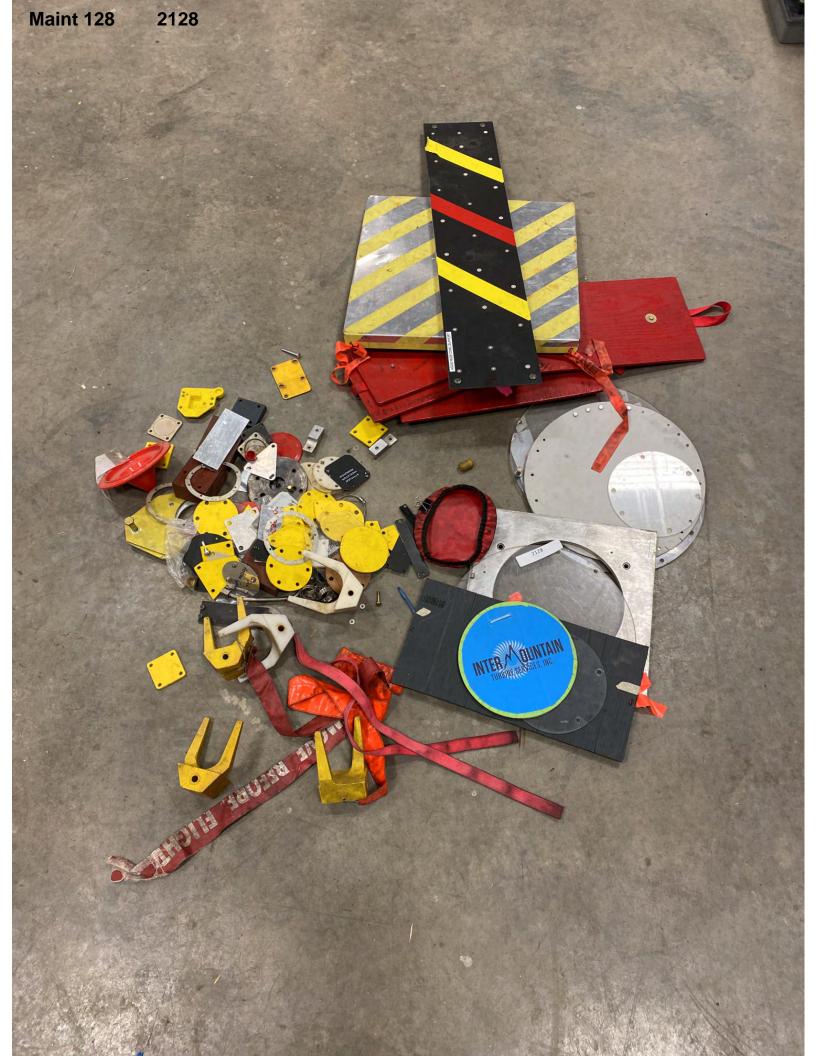


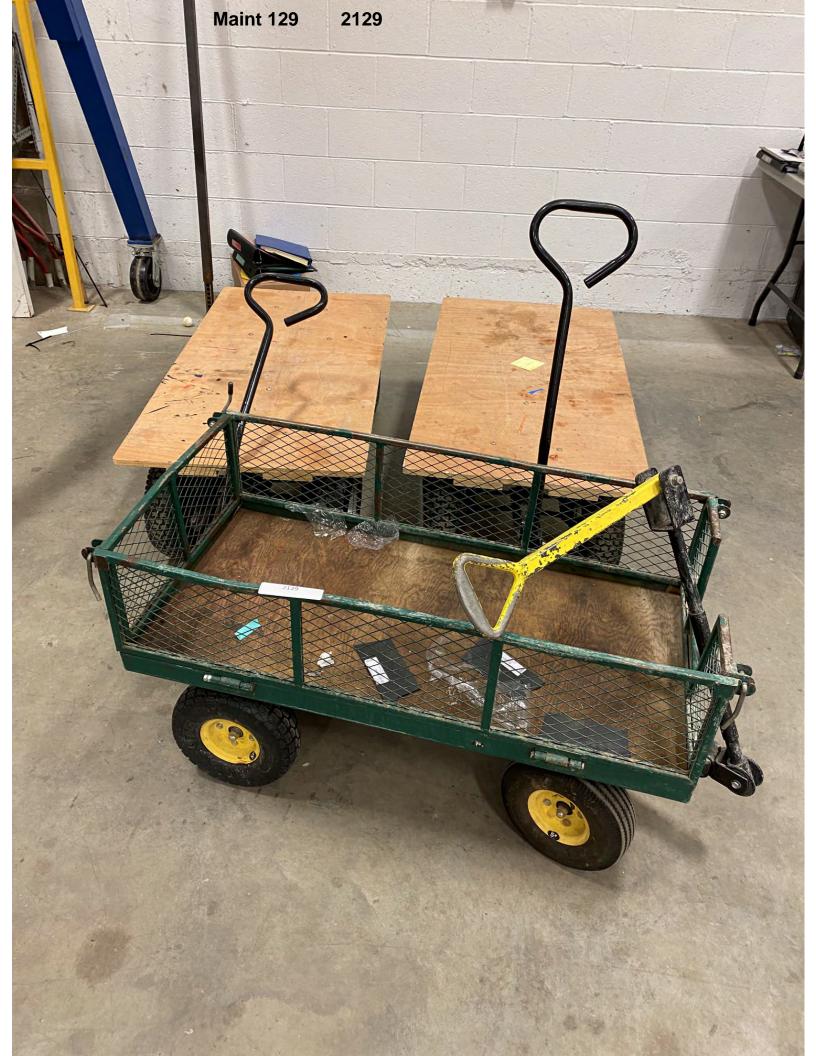




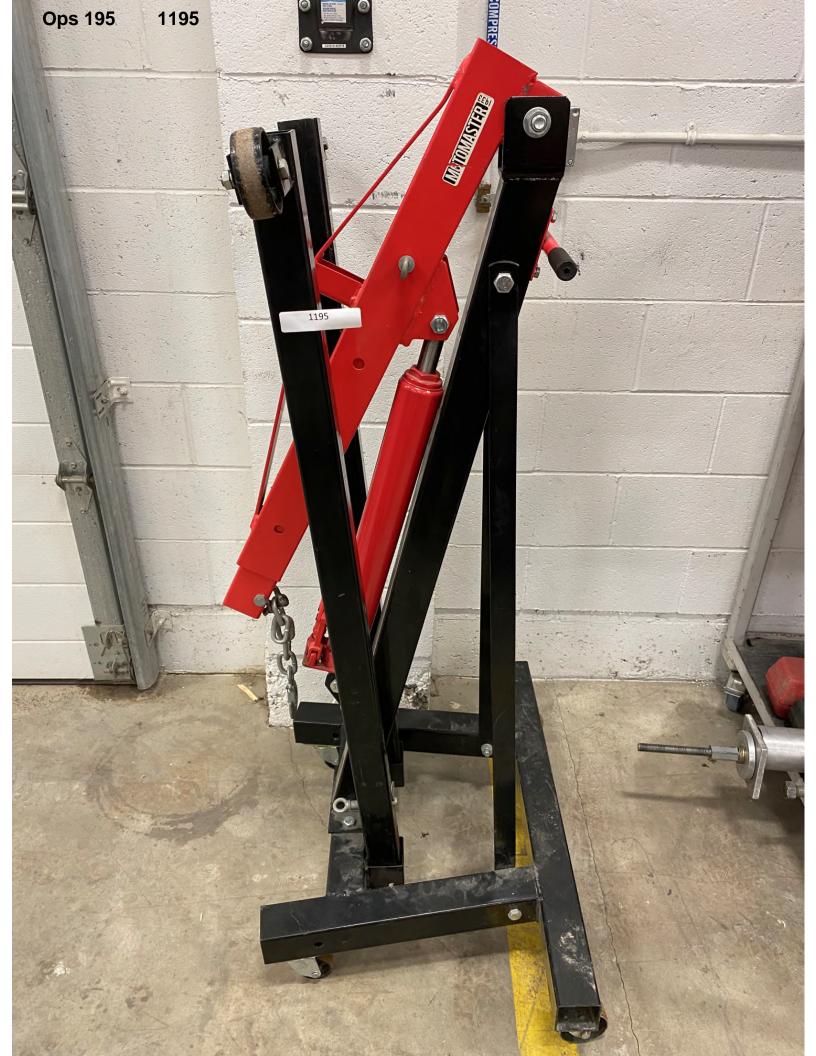






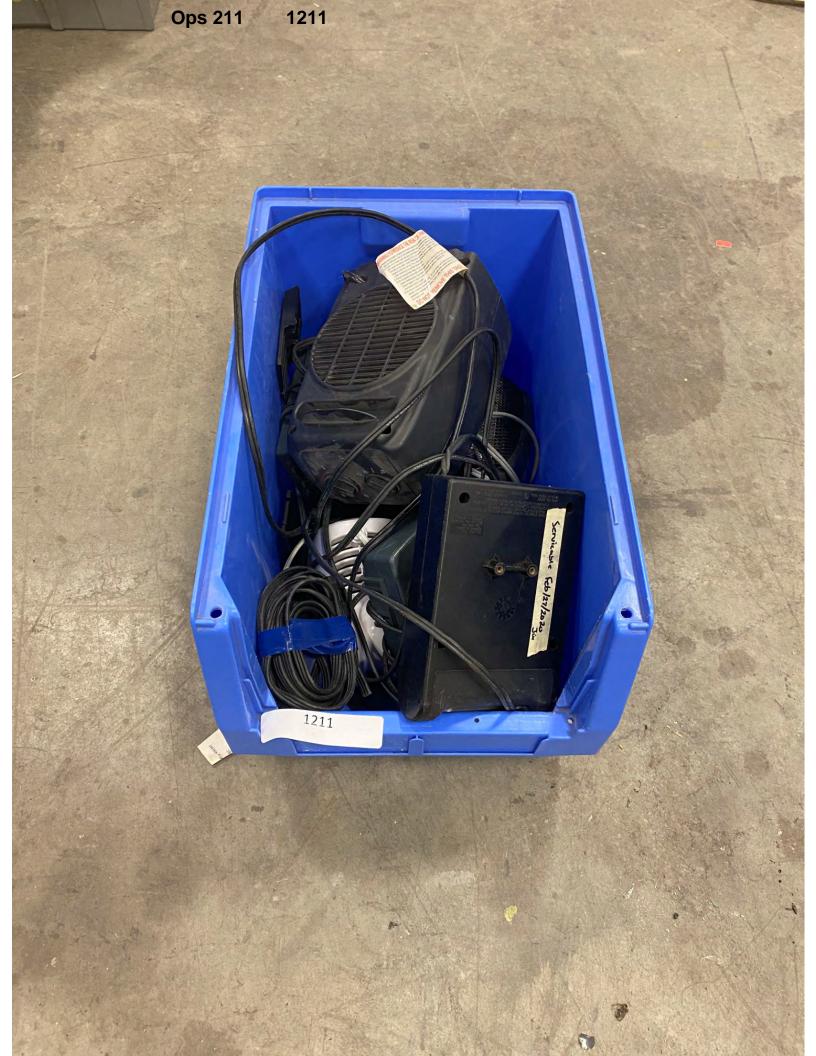


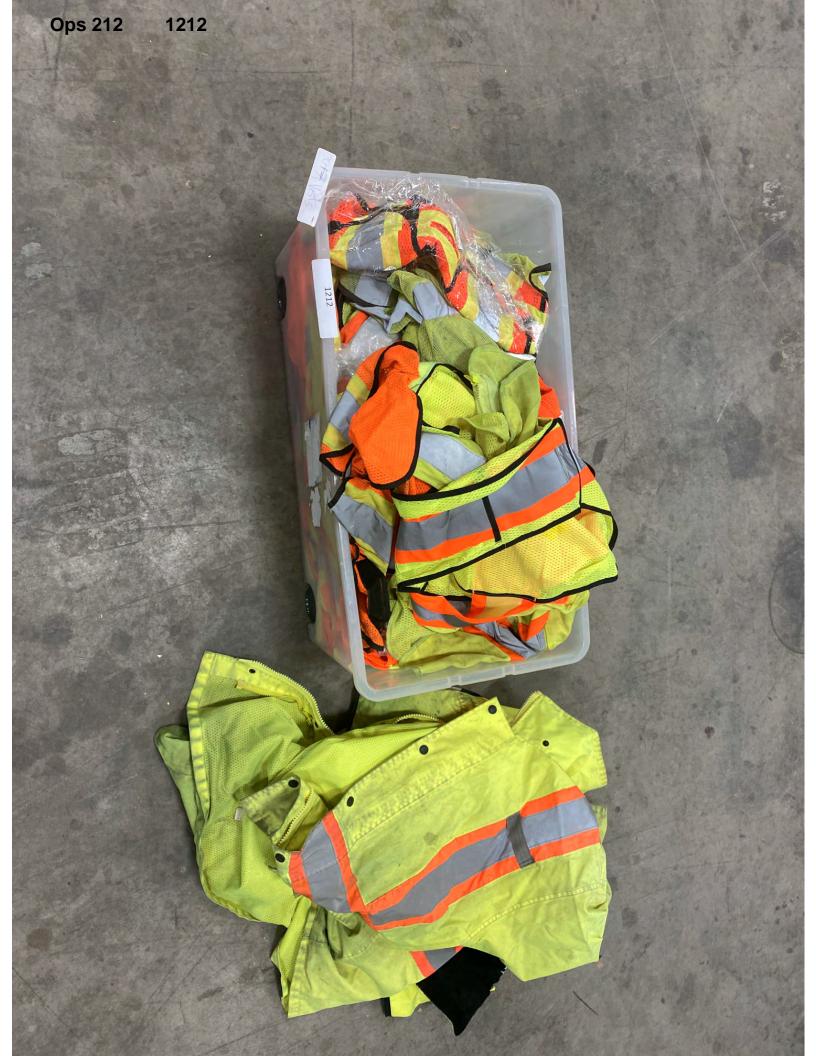






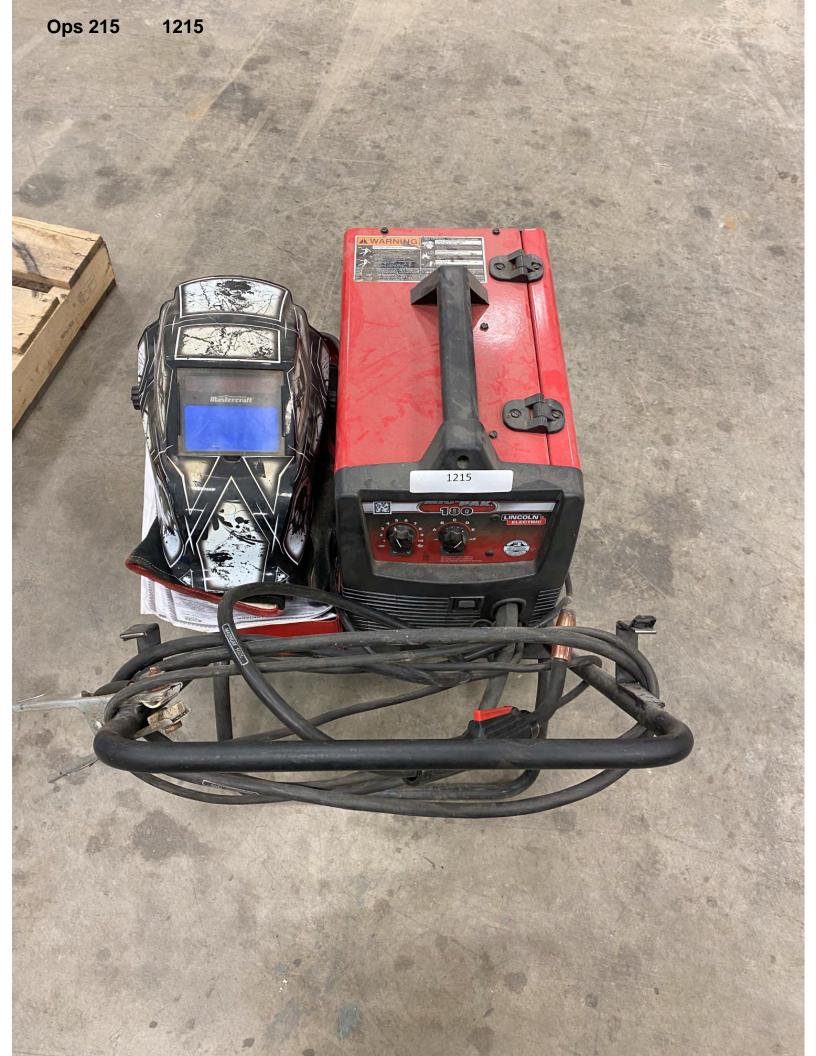


















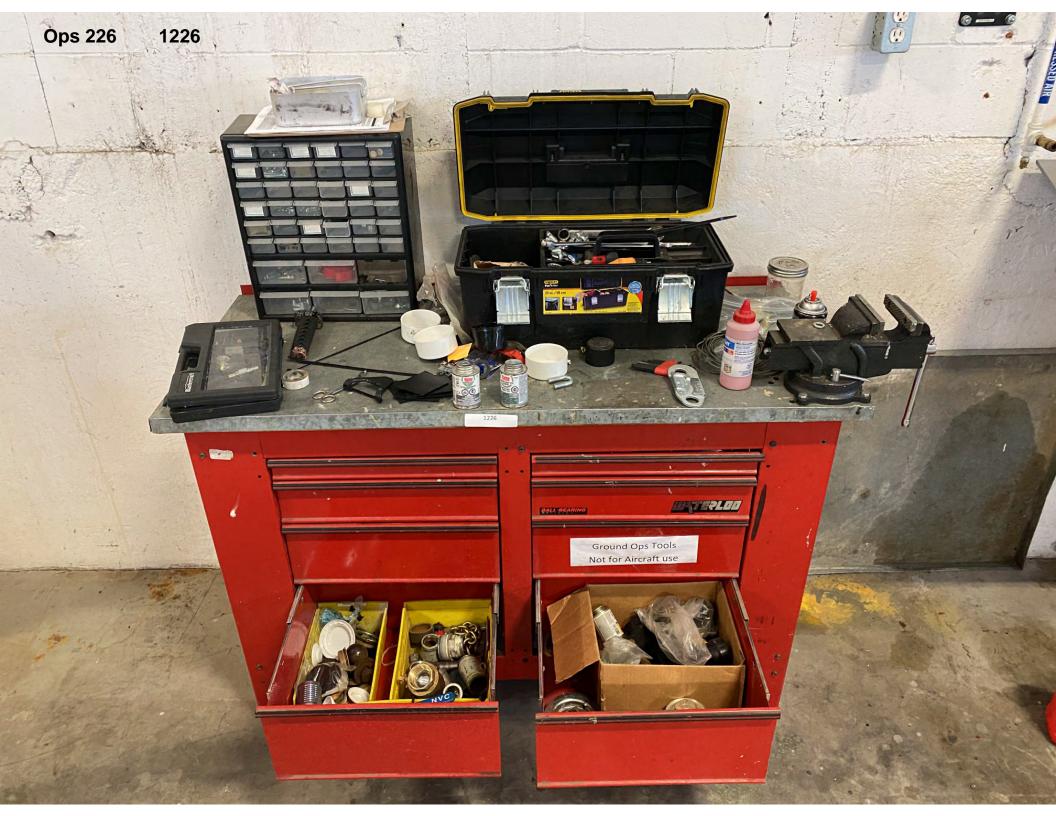


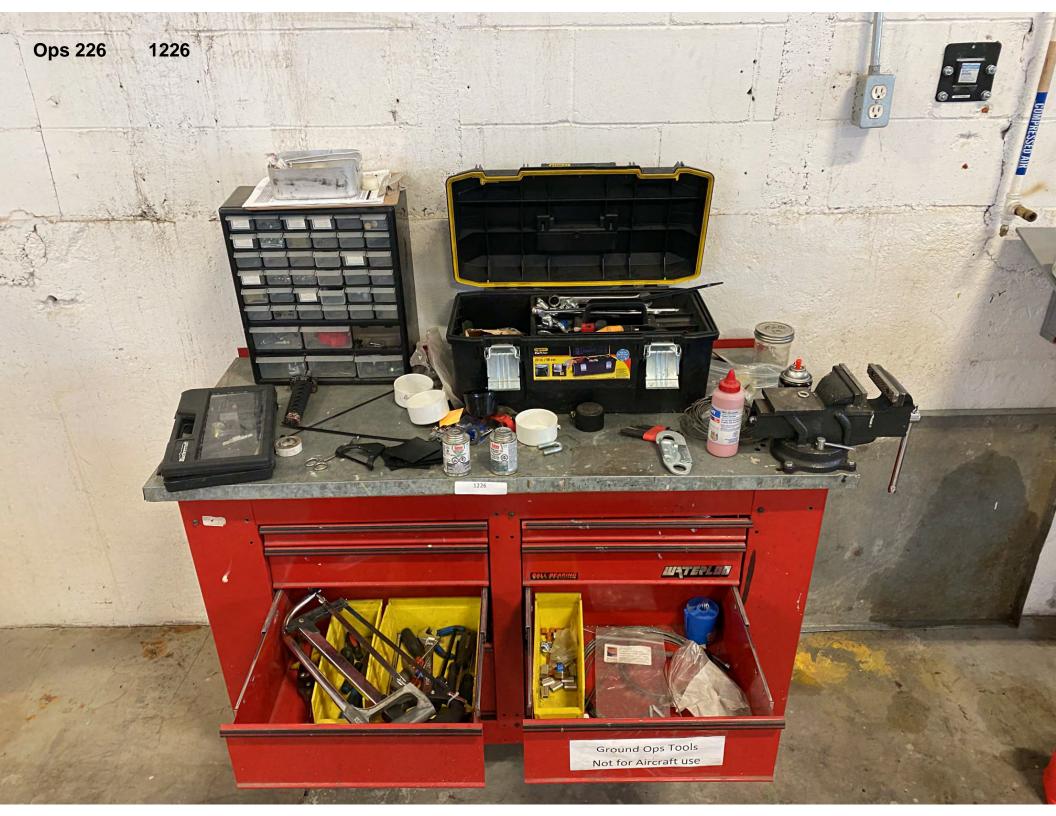




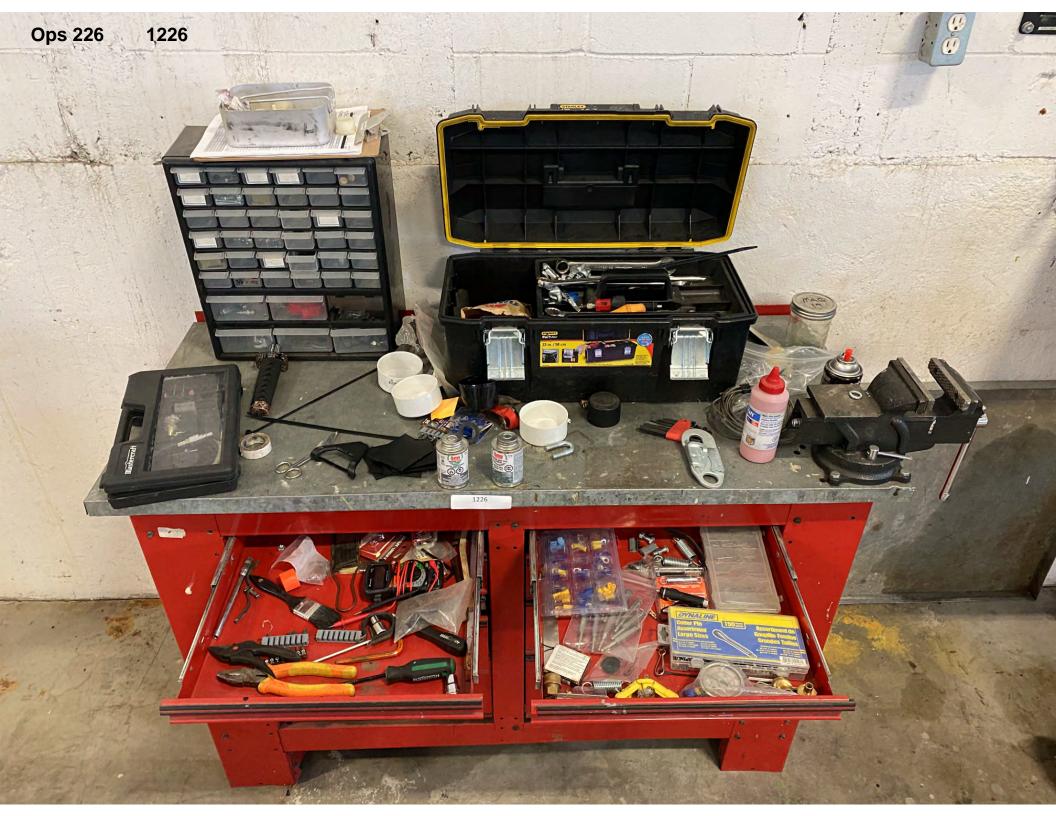


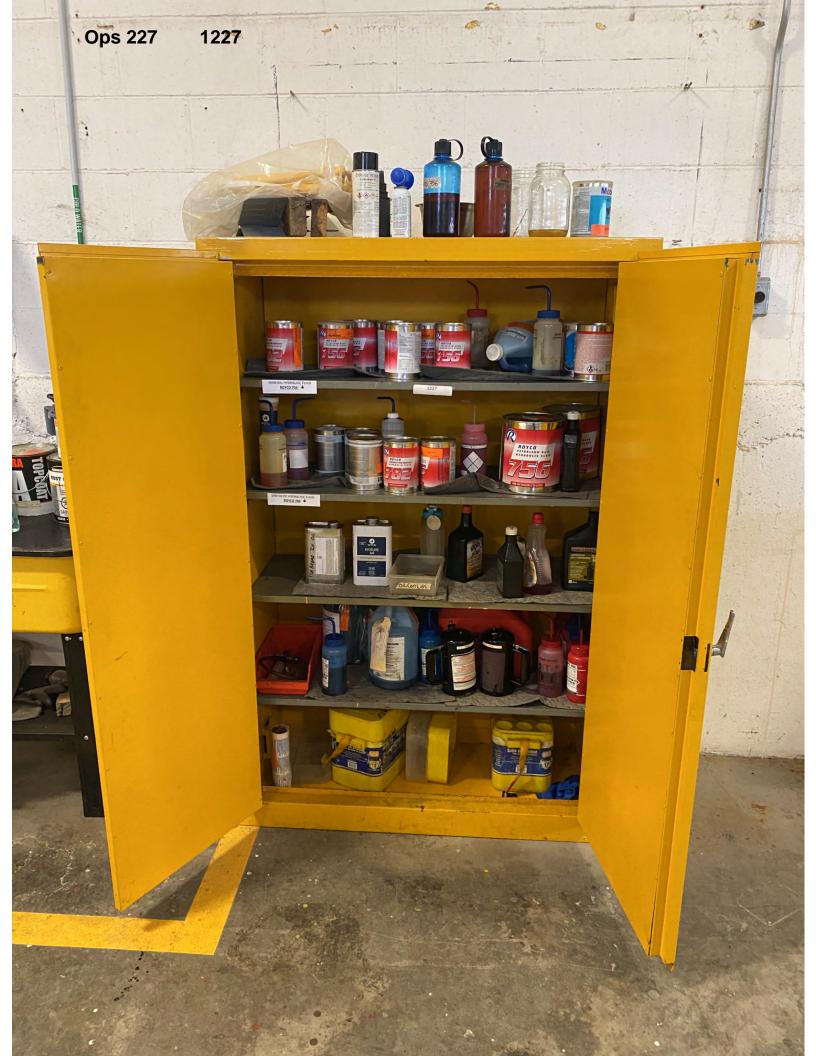


















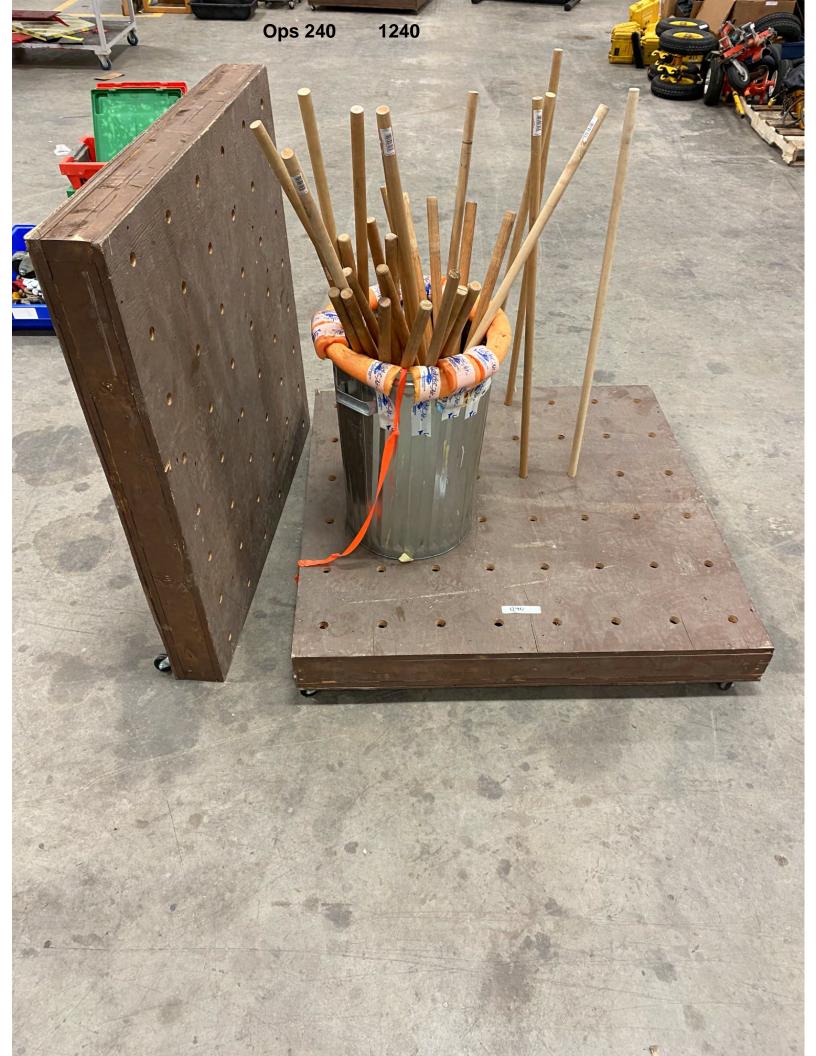




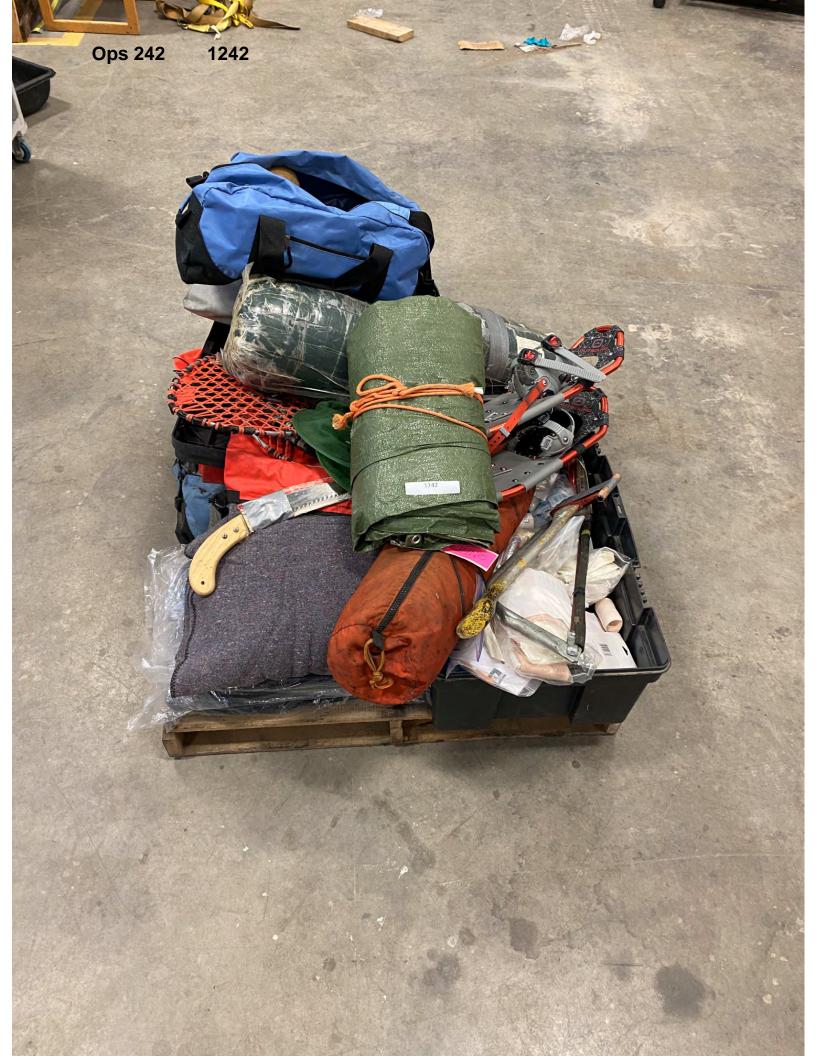


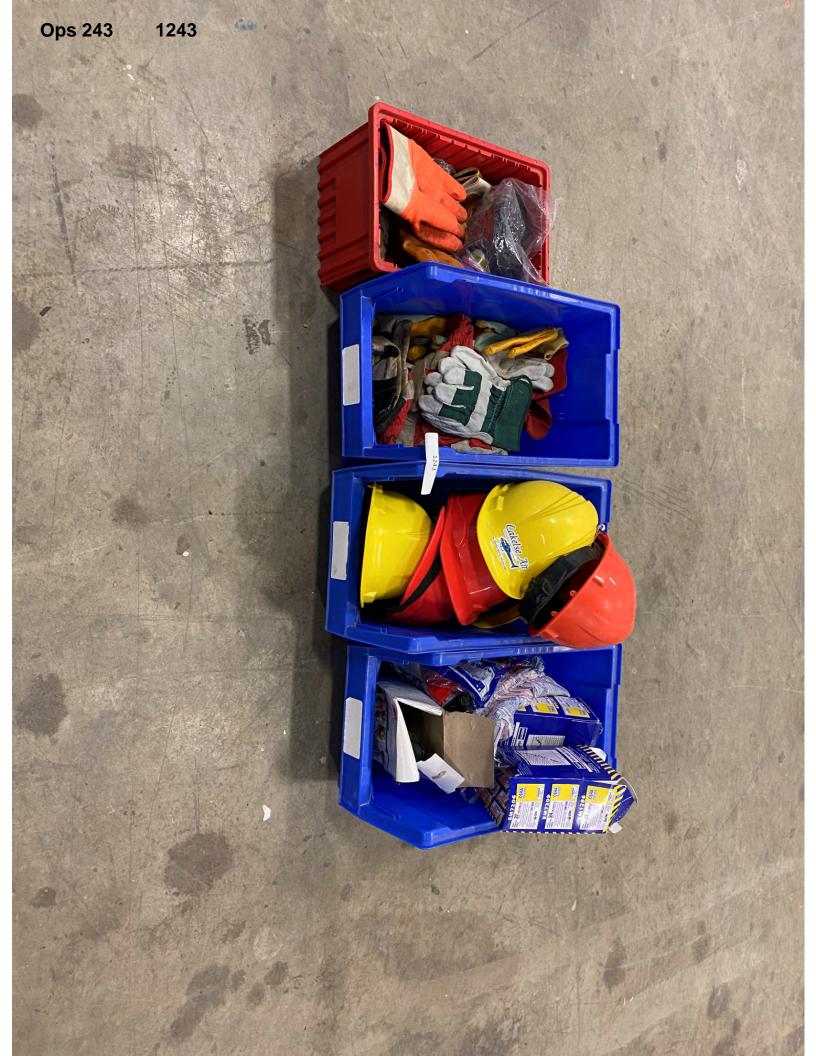




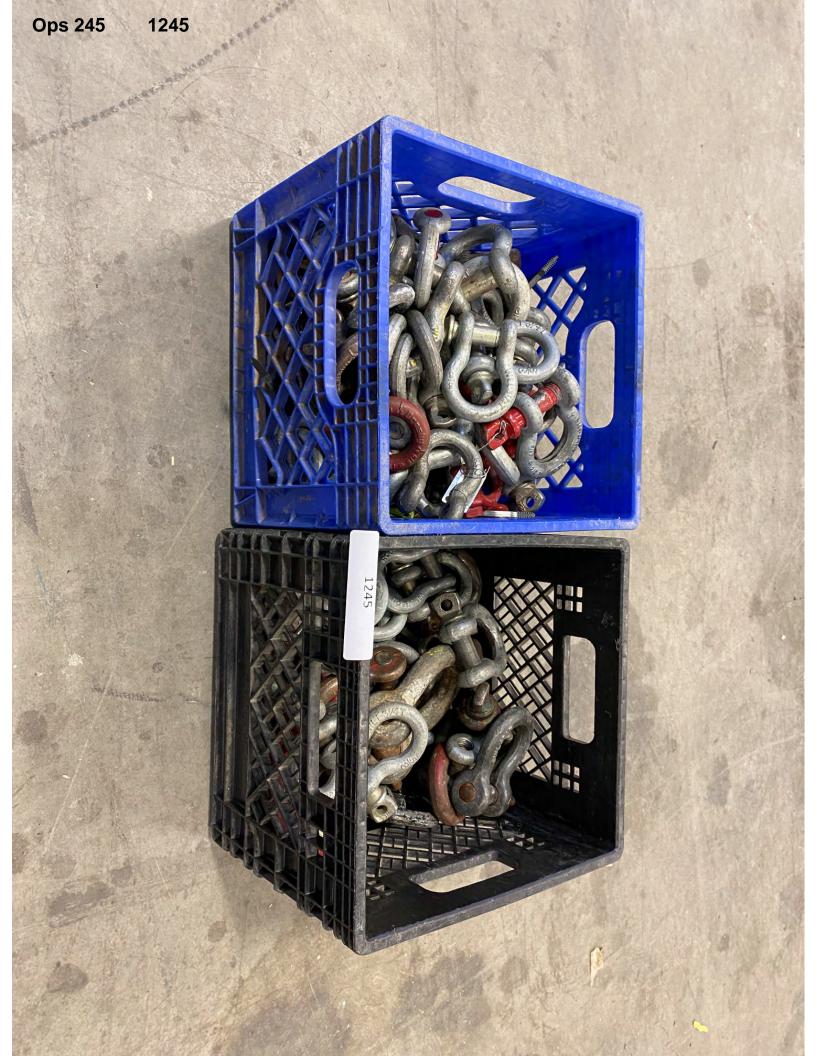


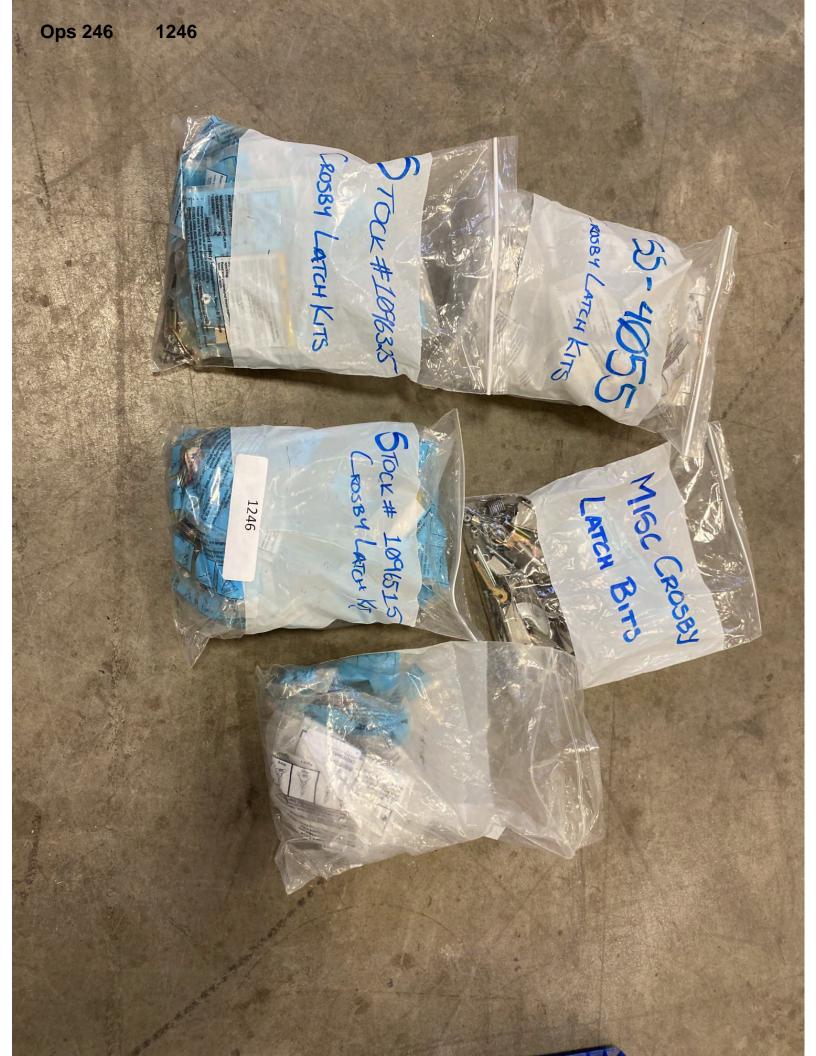


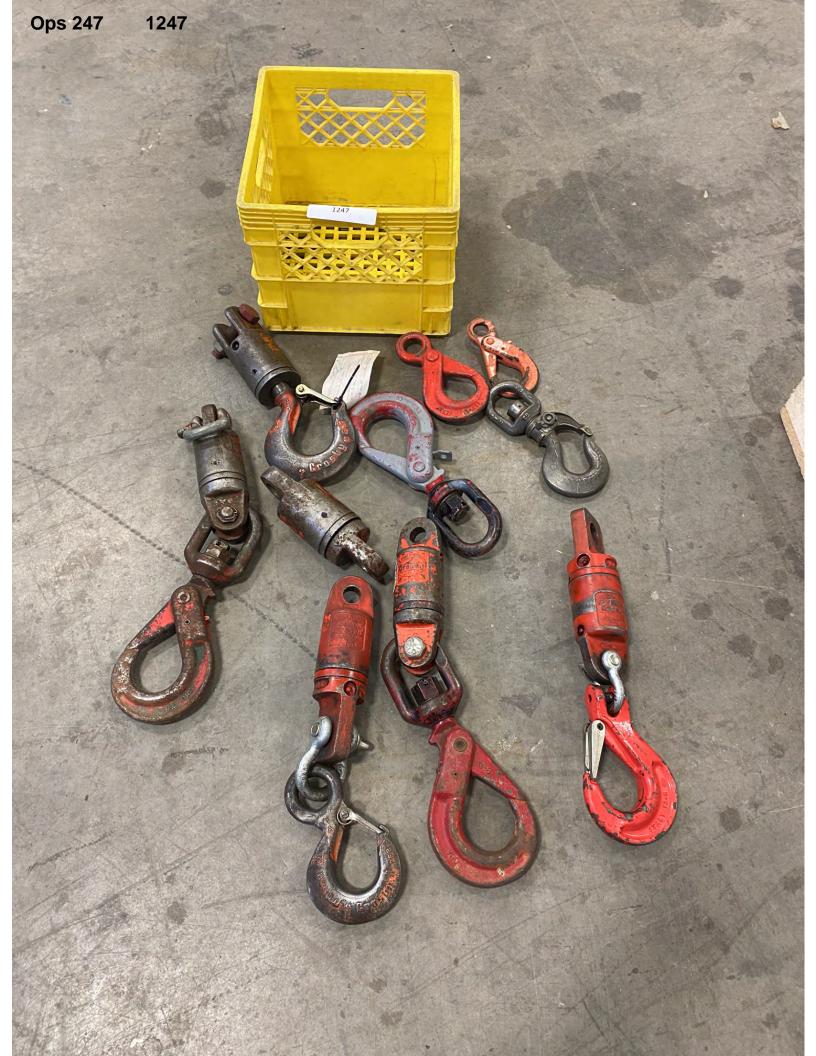


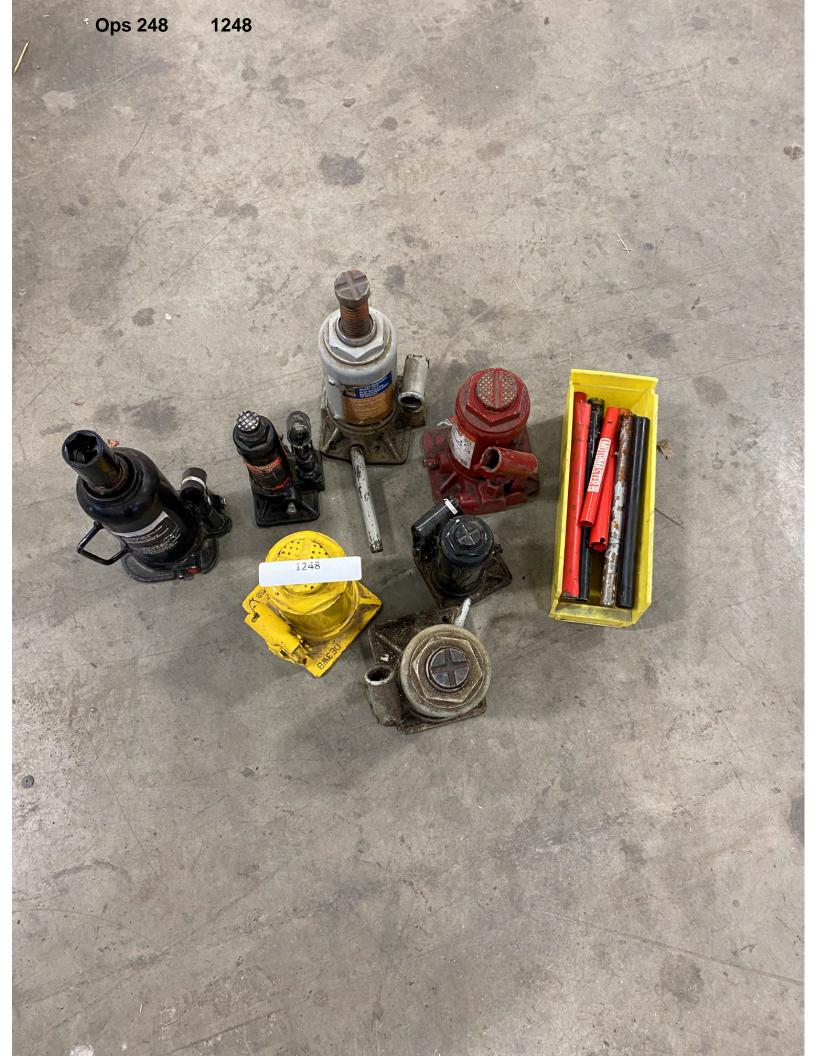


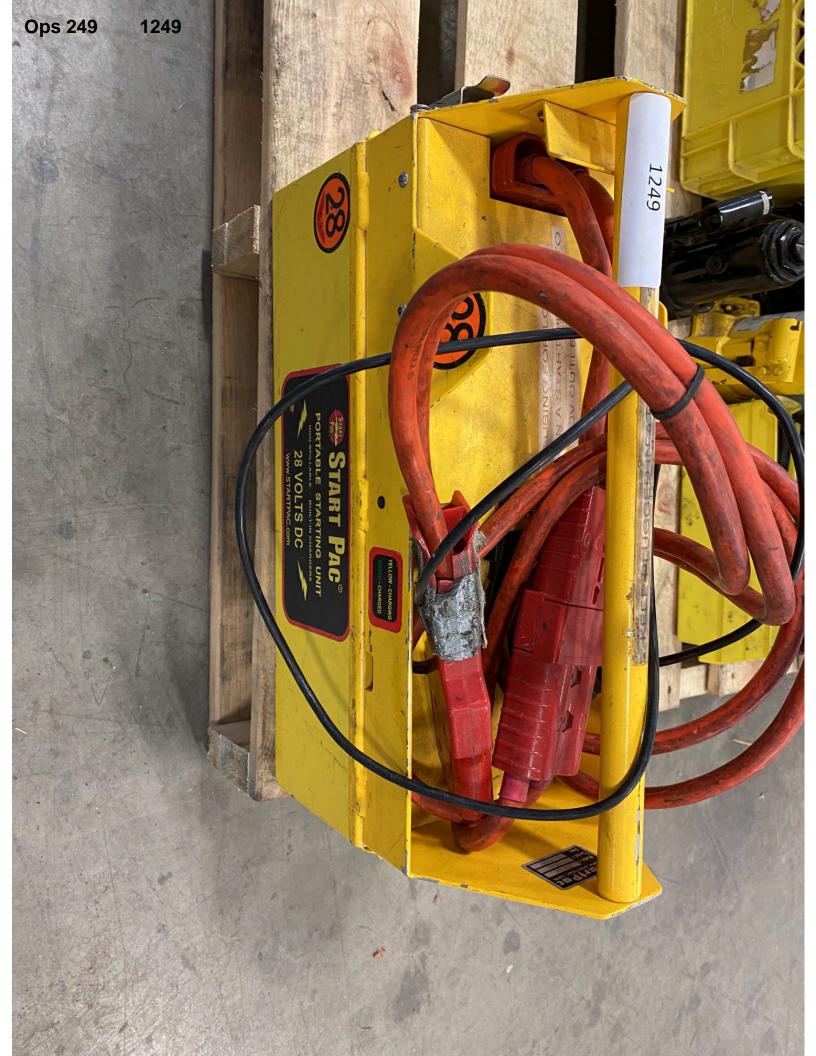




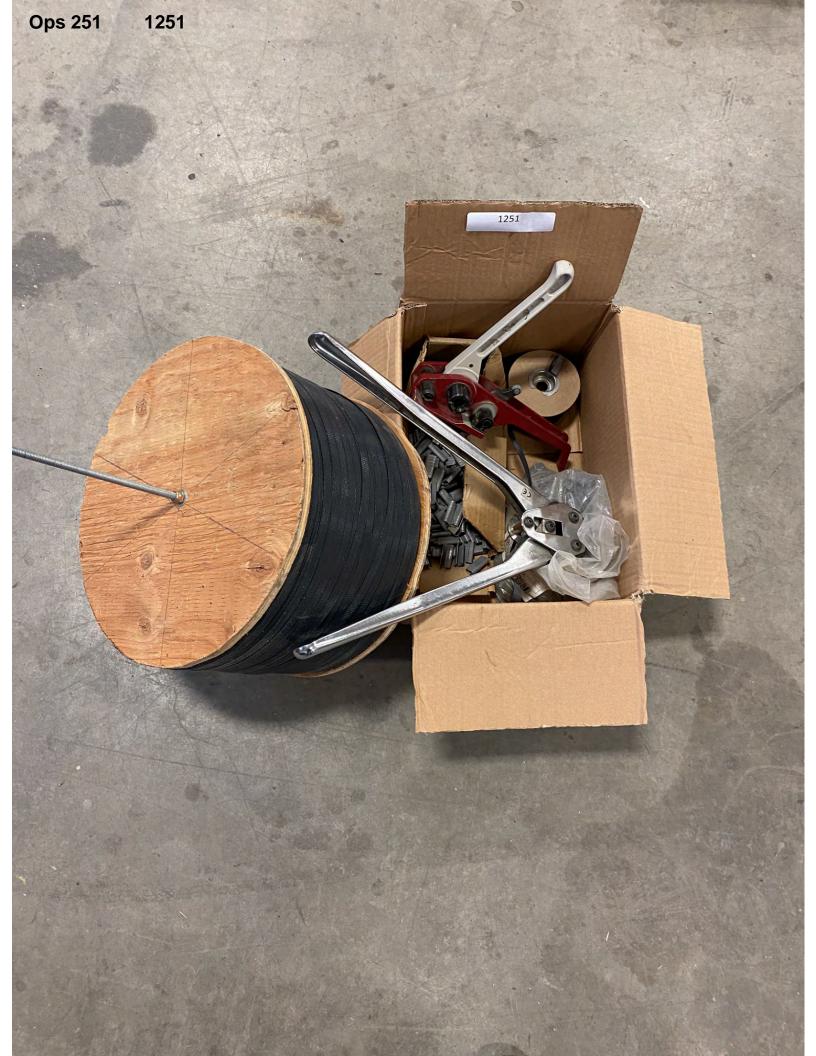




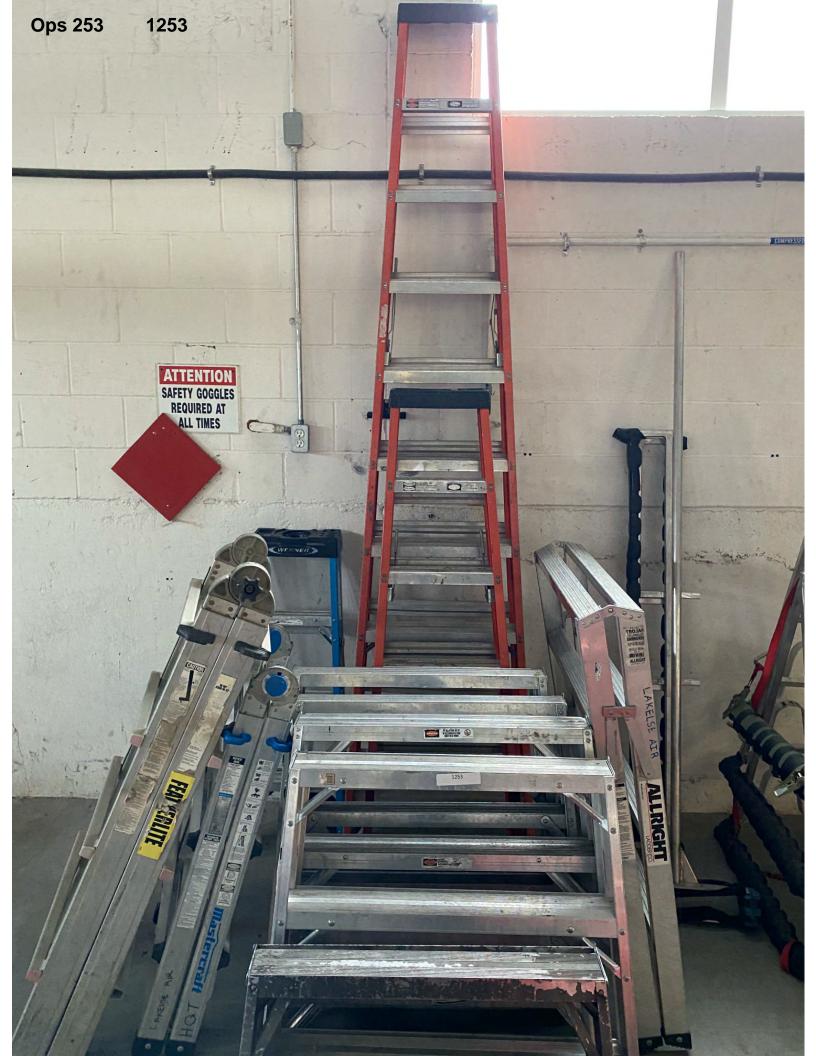




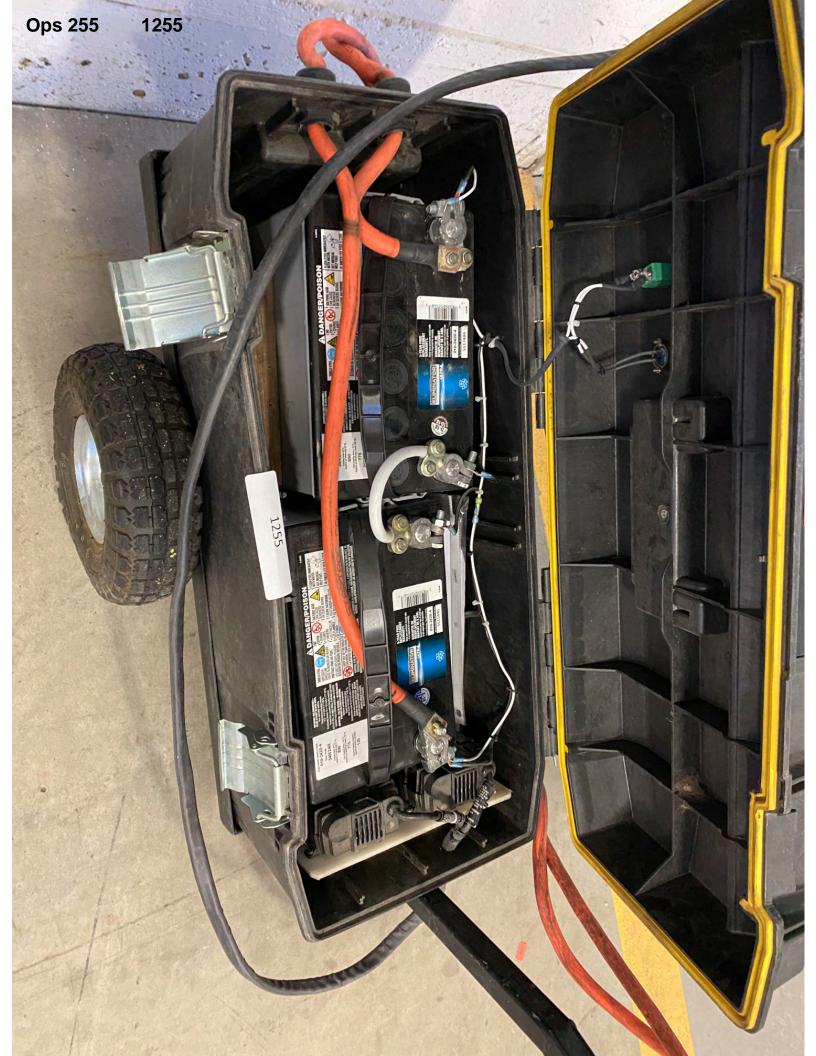












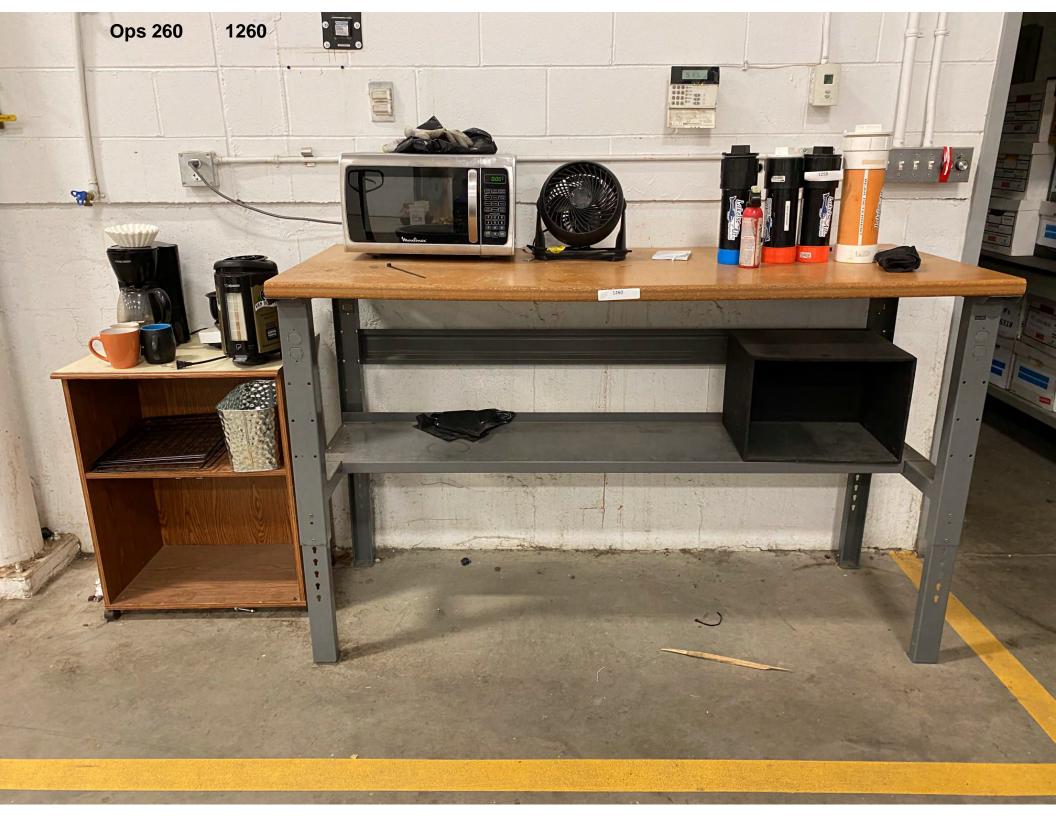




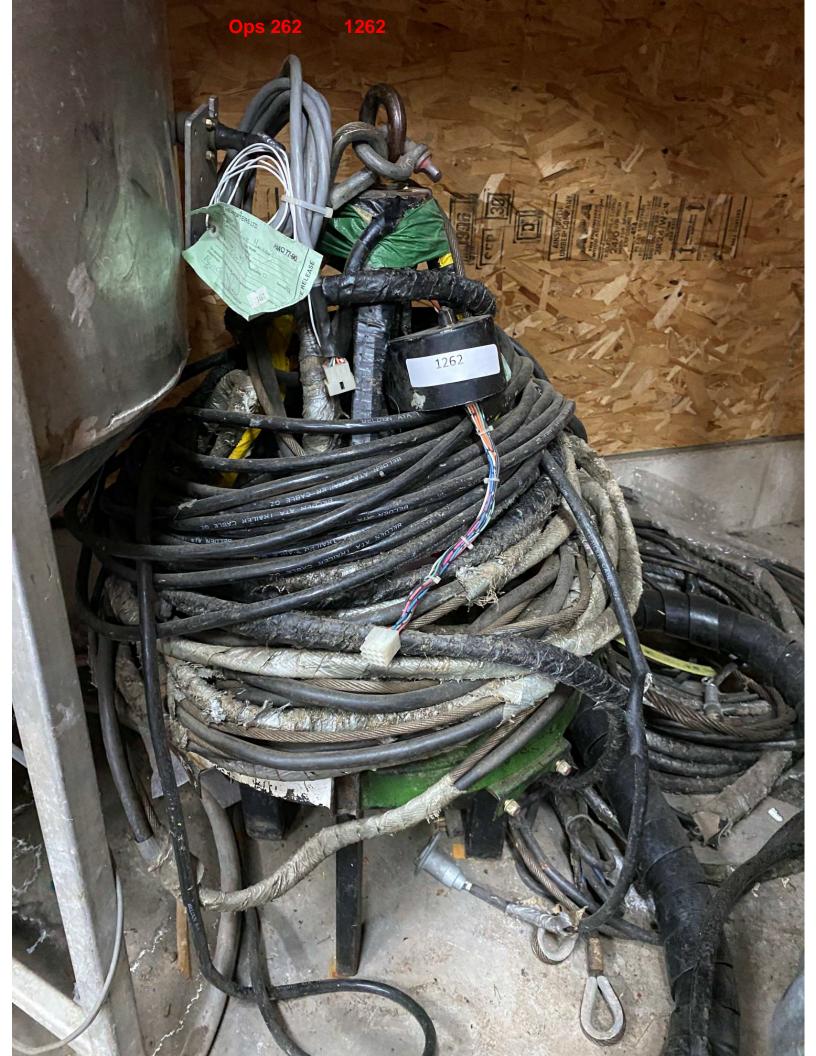
























Ops Gear – Pictures



























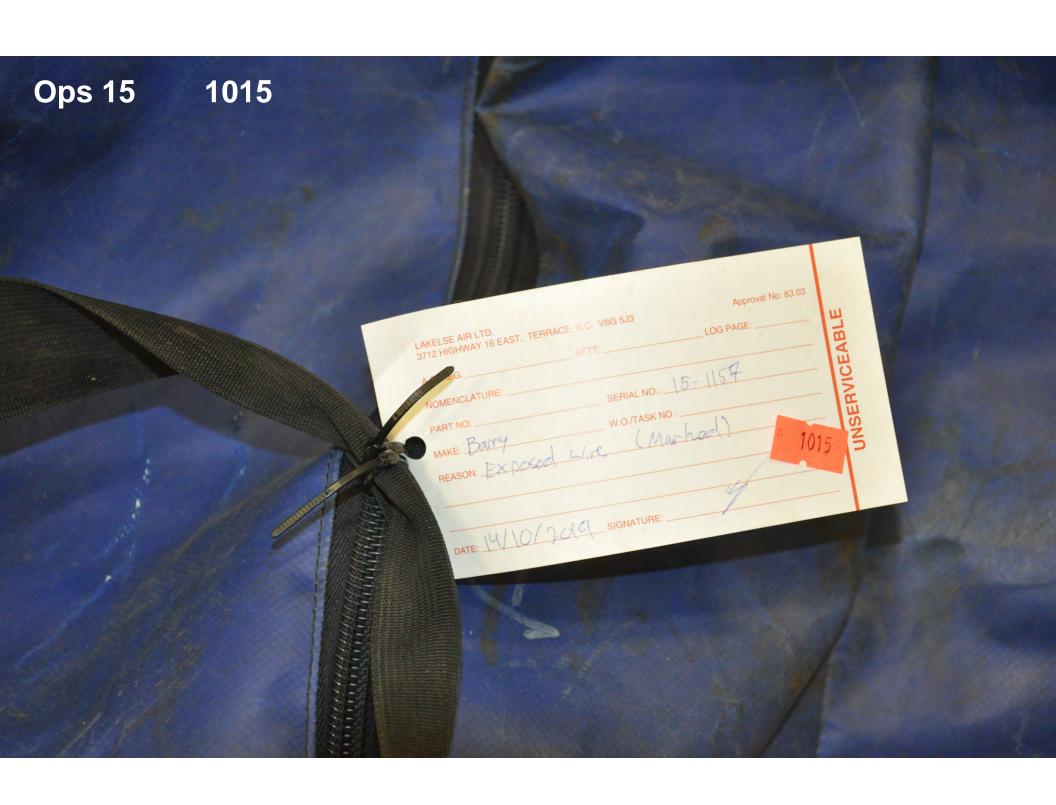


















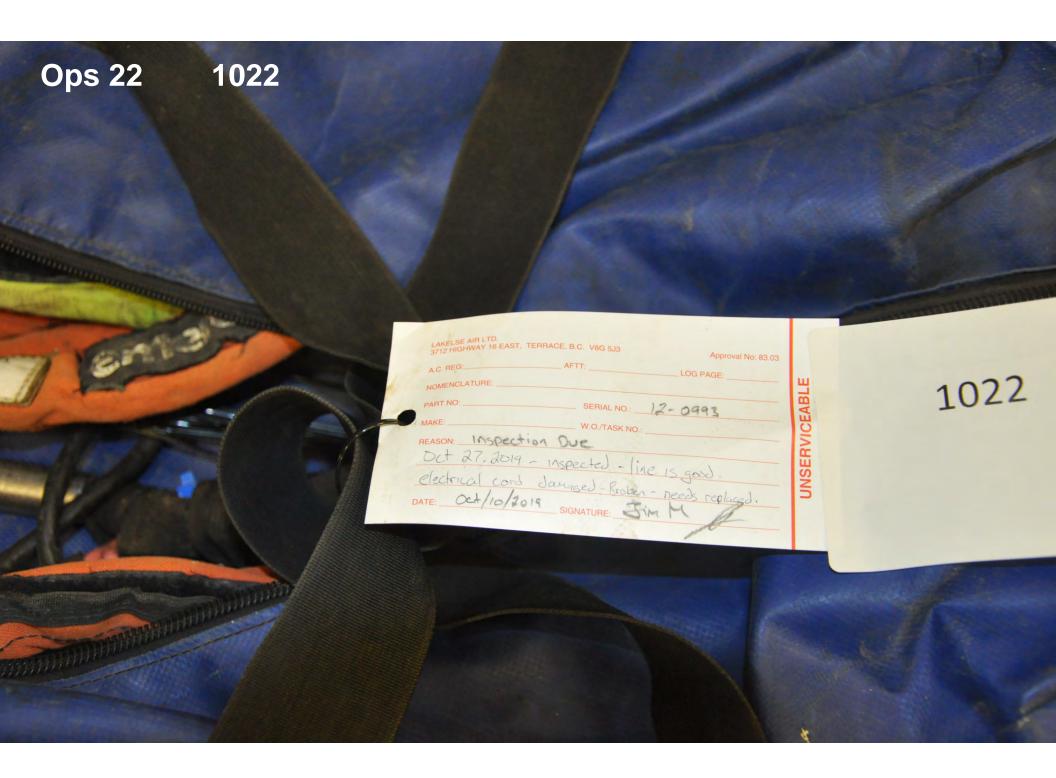














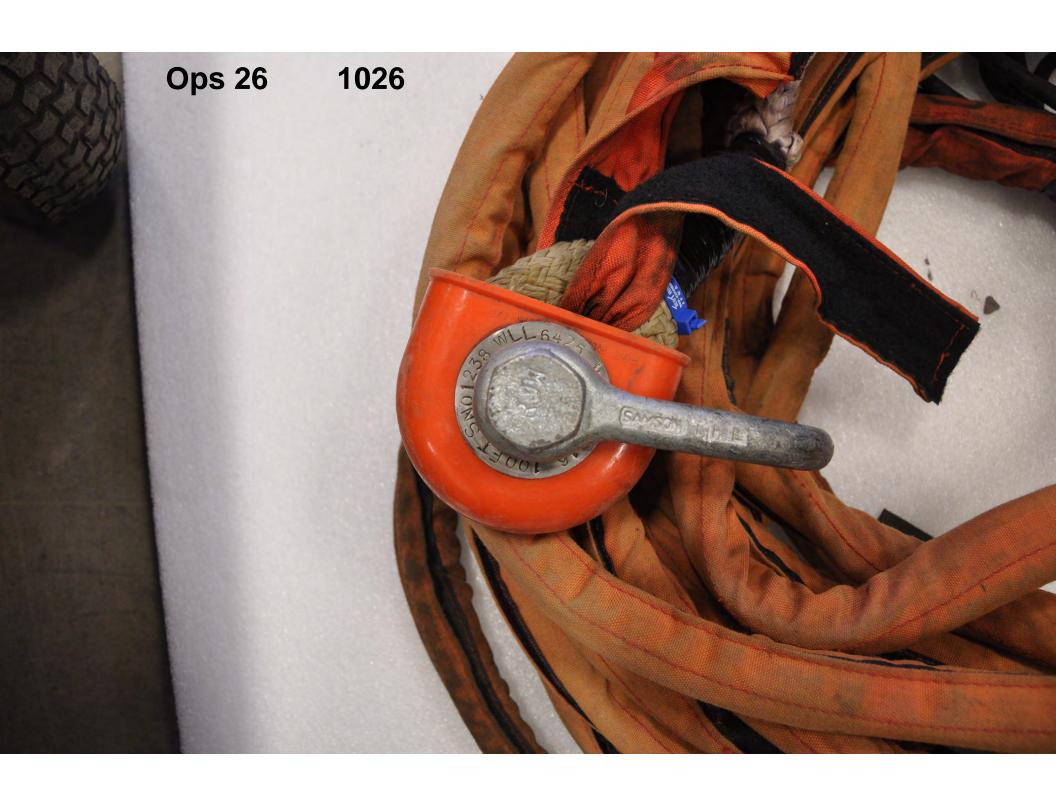


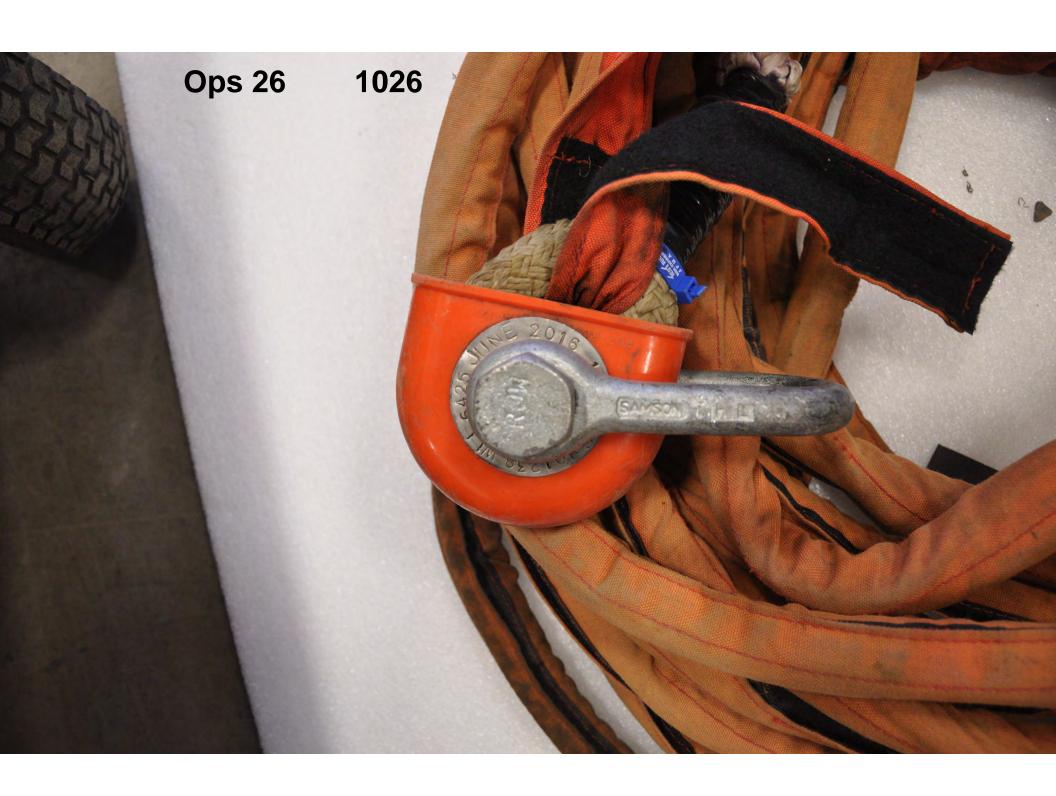


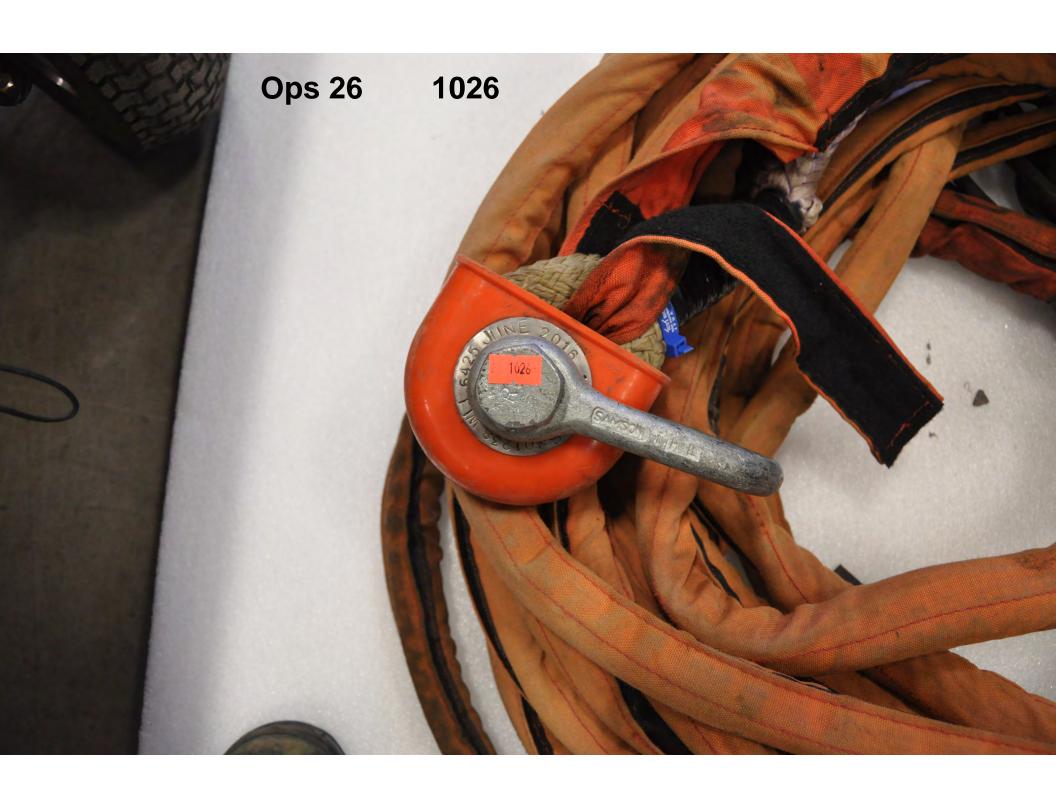




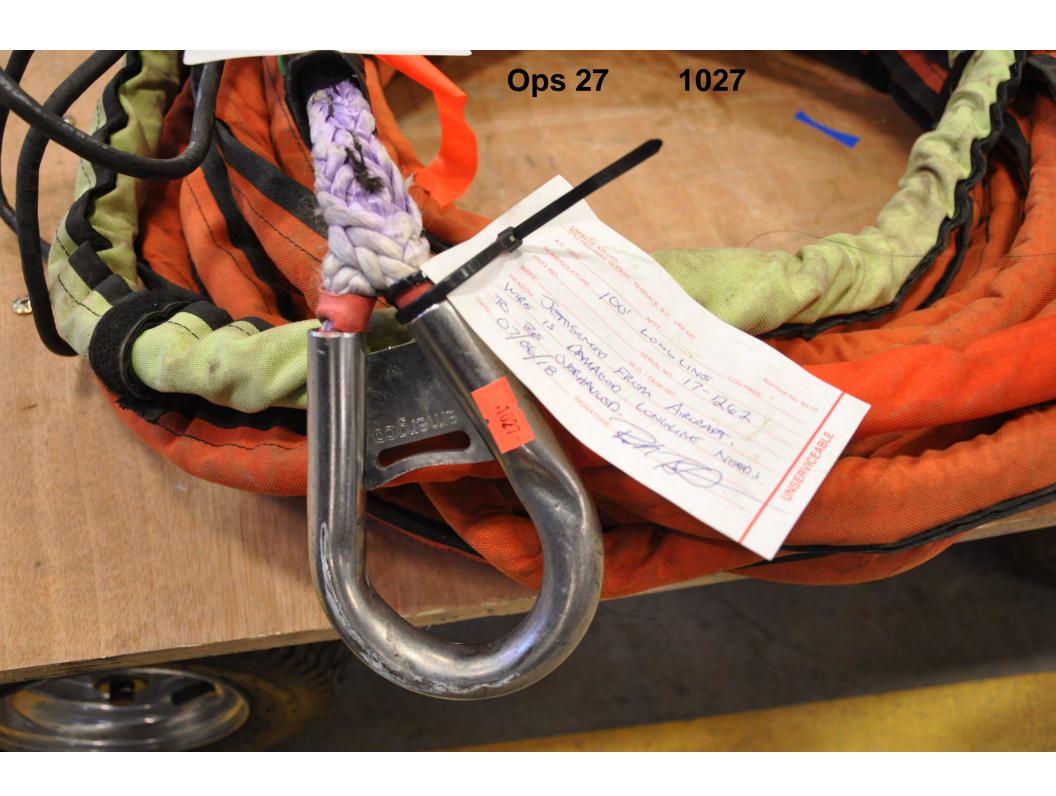








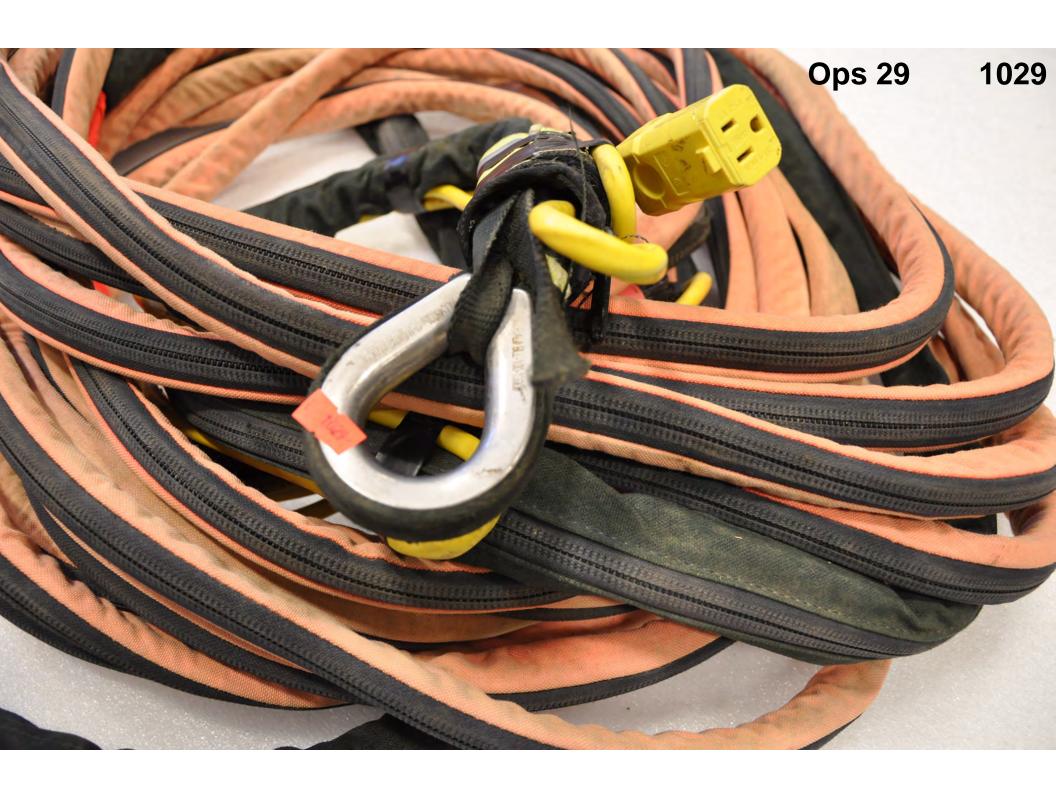




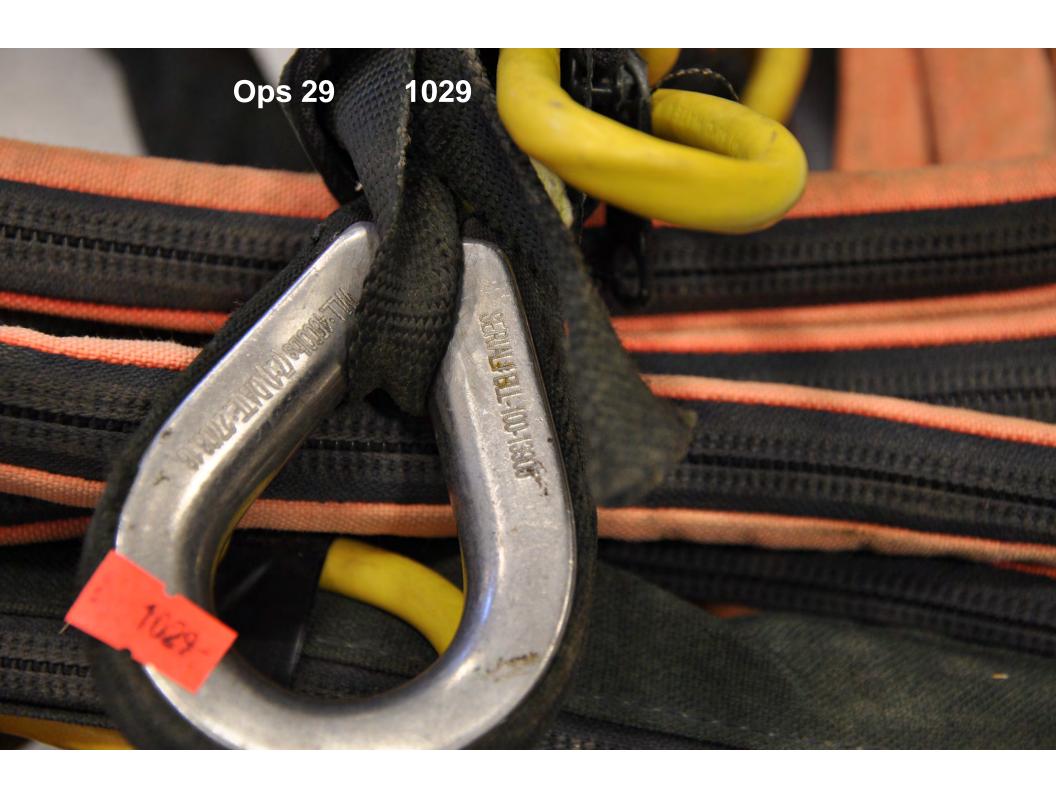








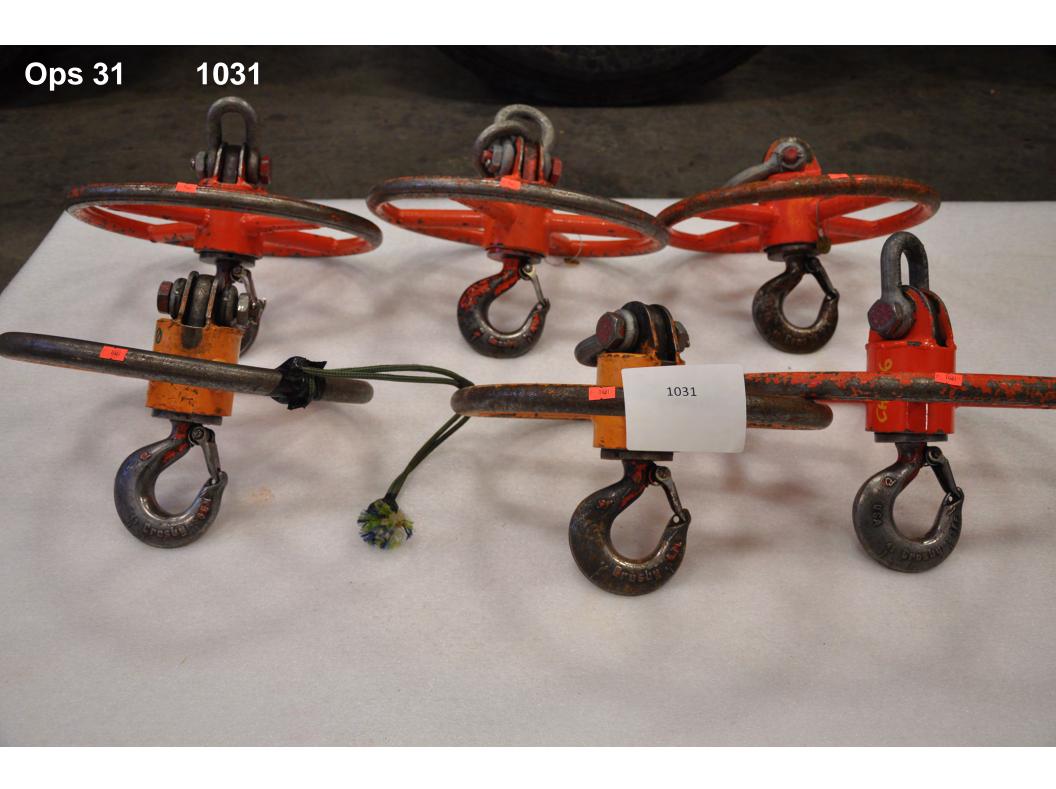




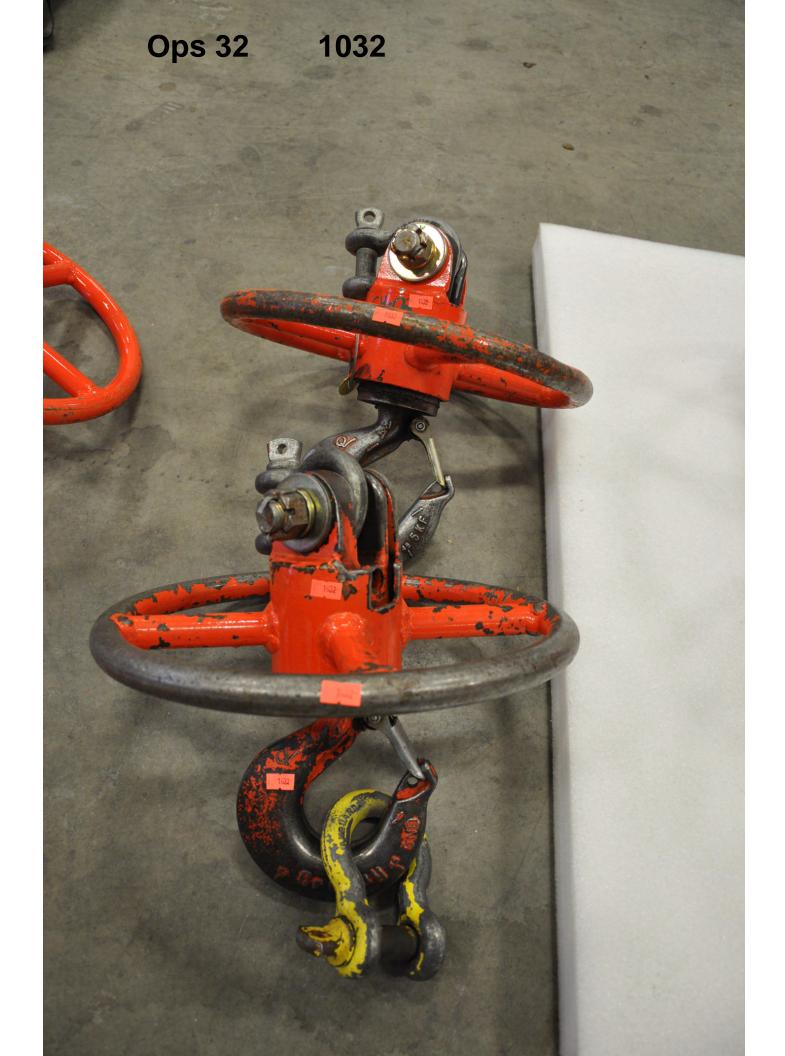






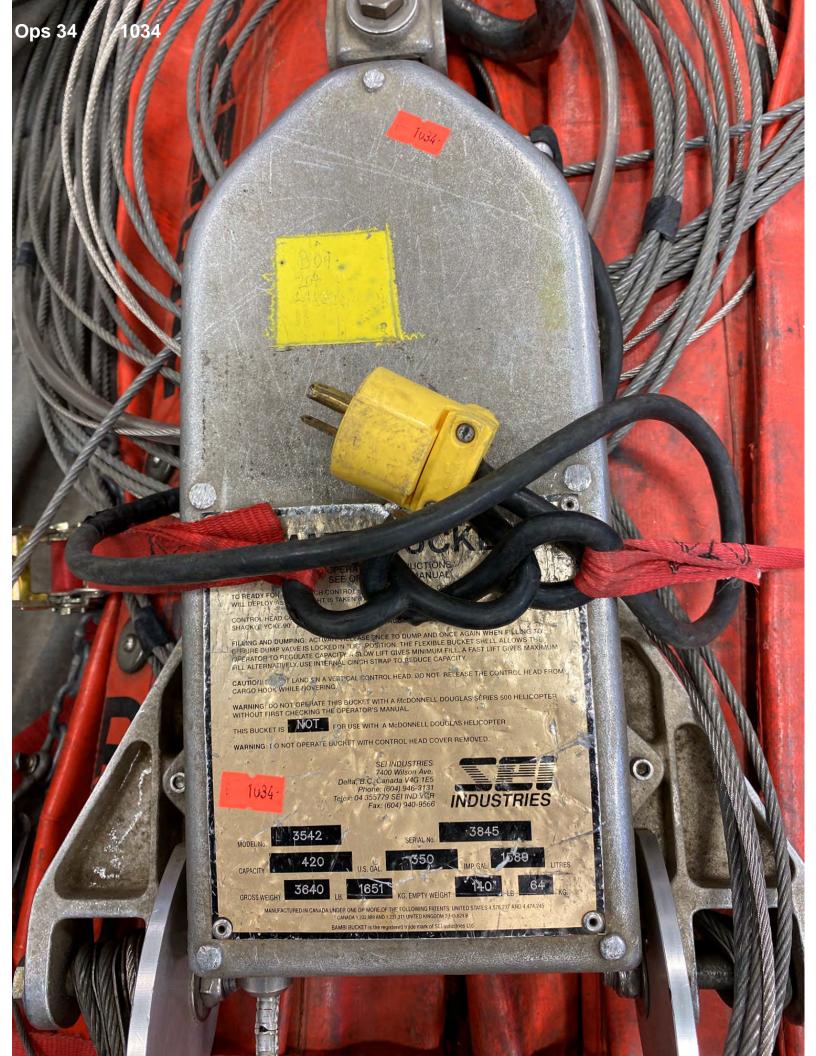


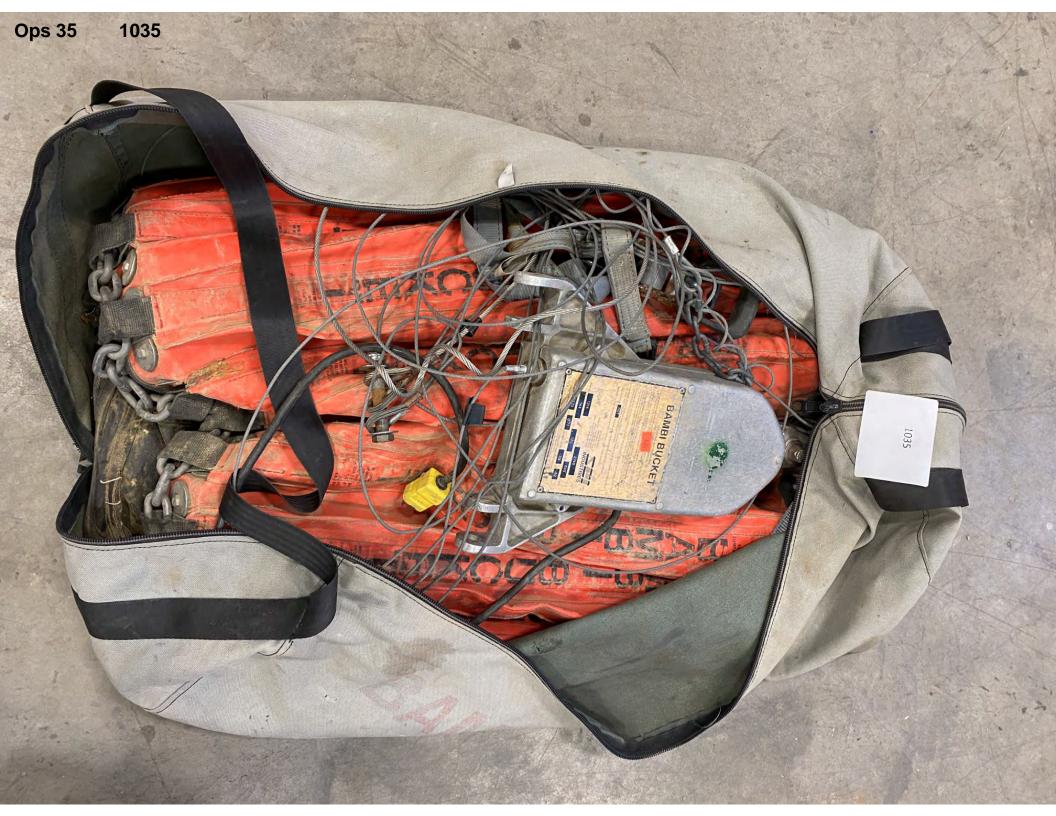






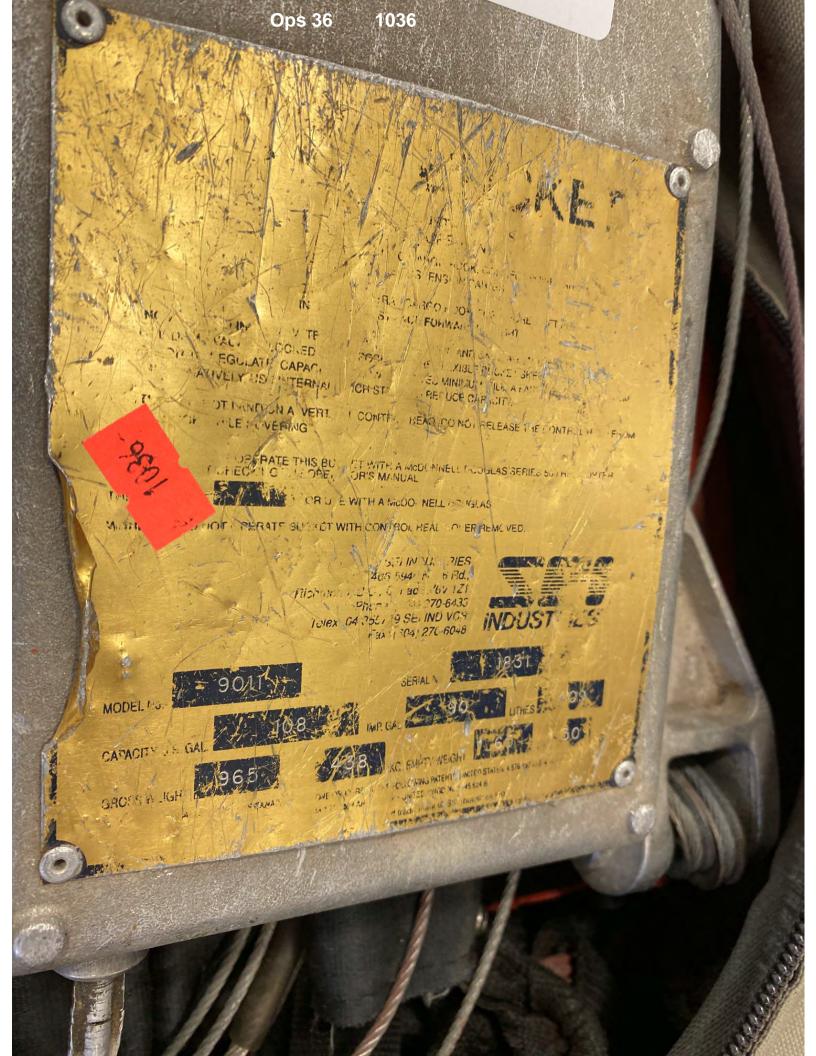


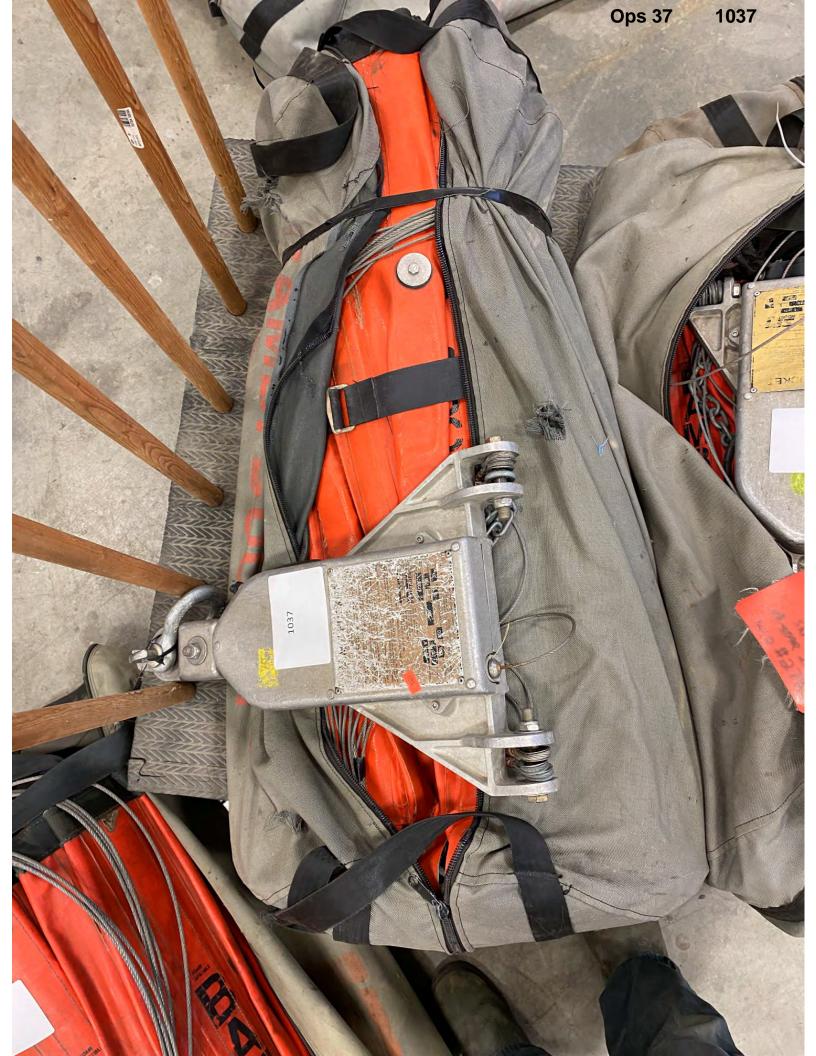


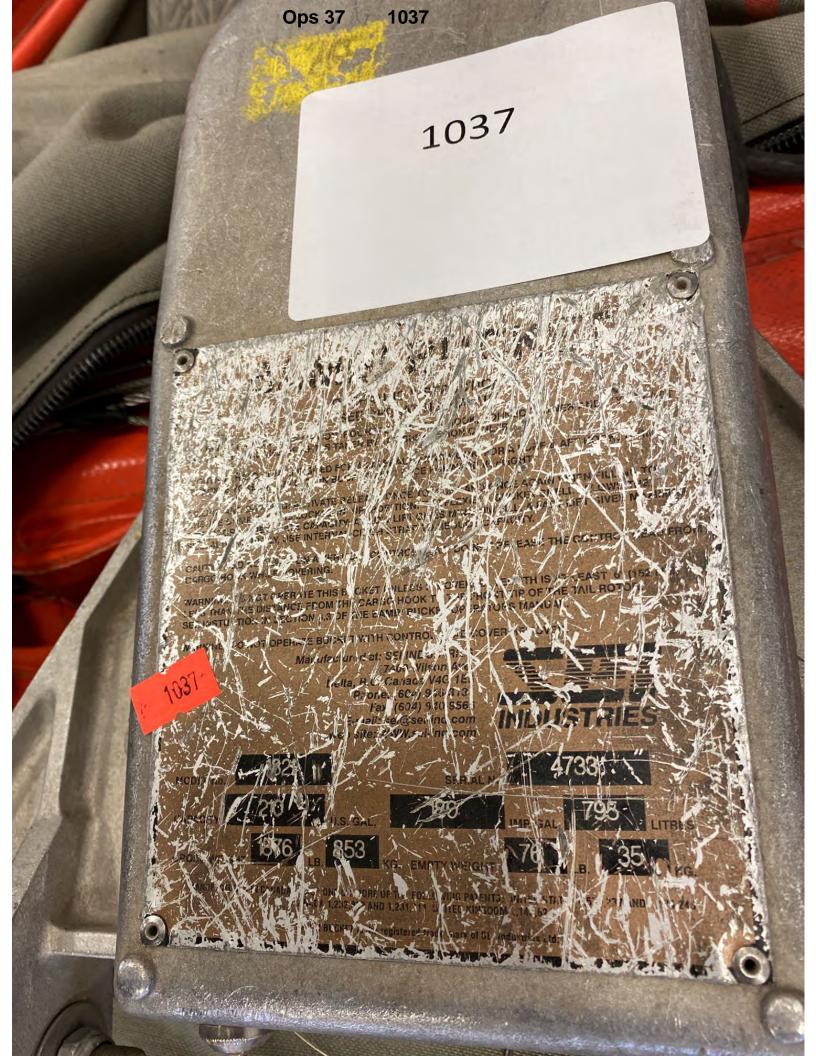




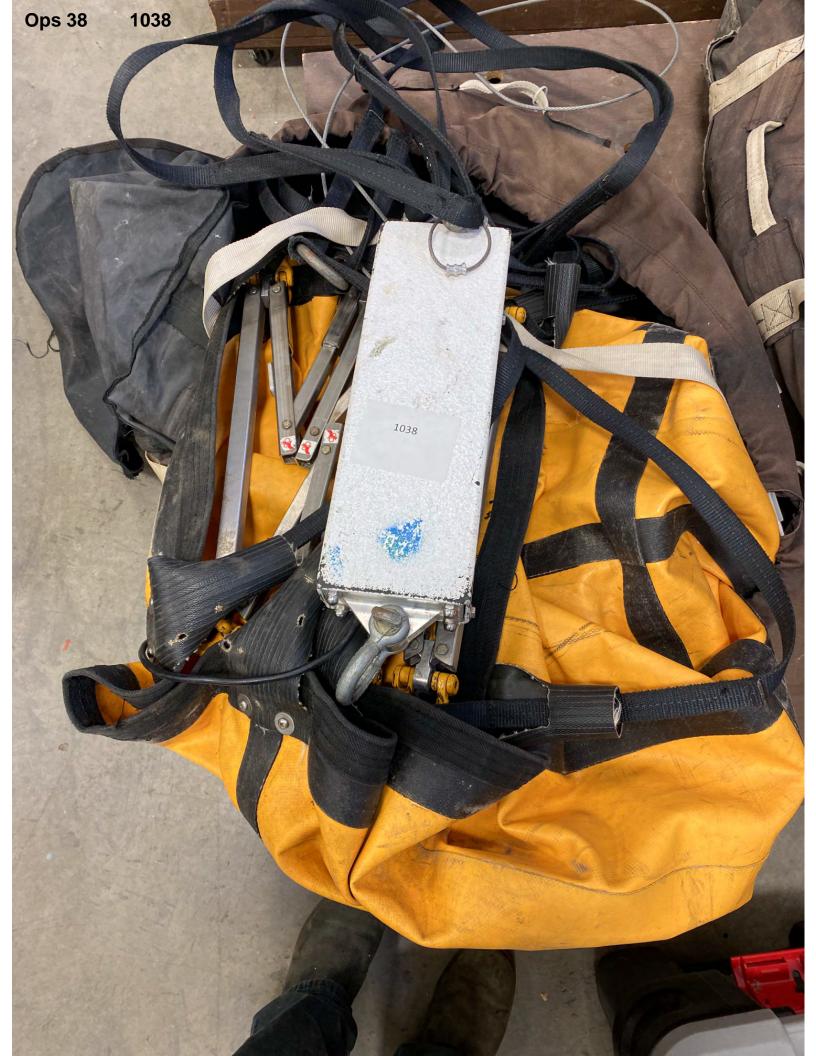


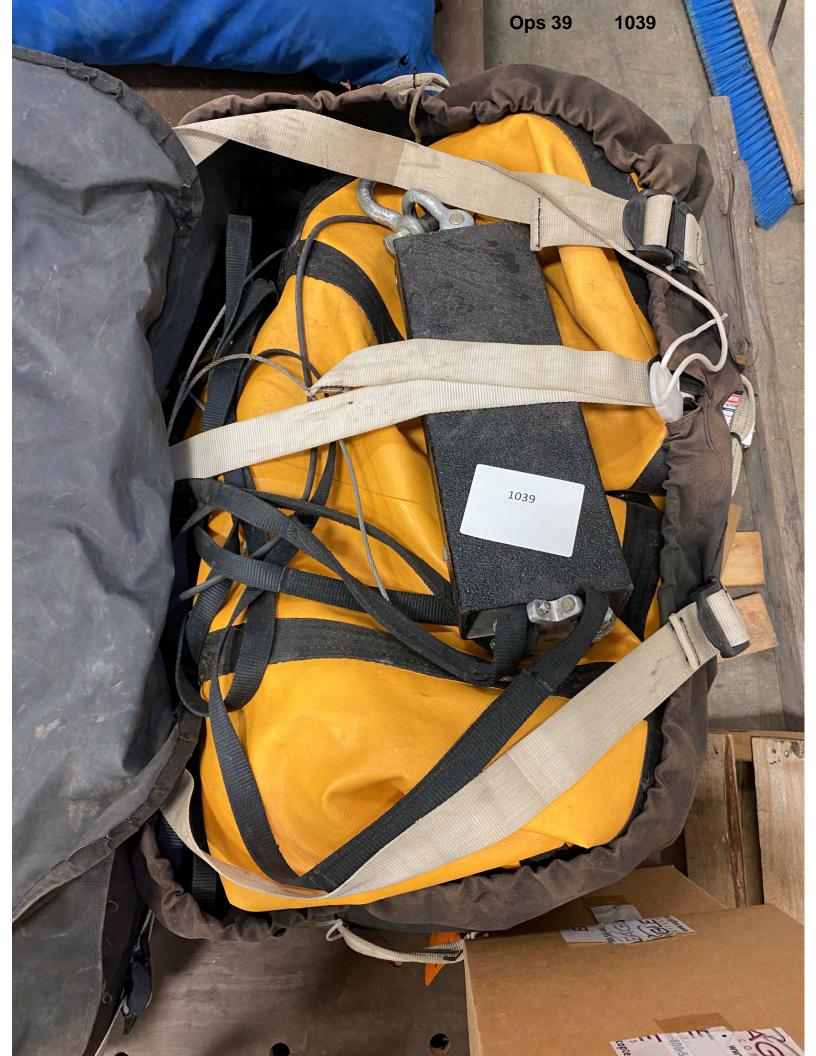






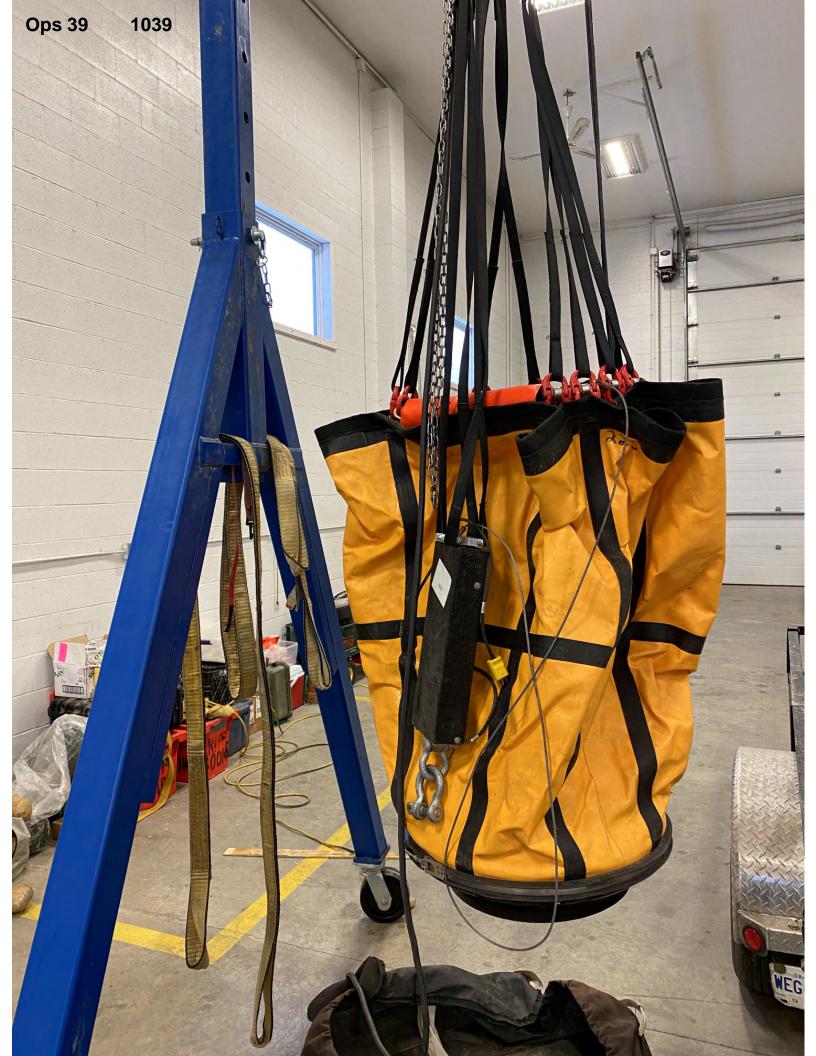




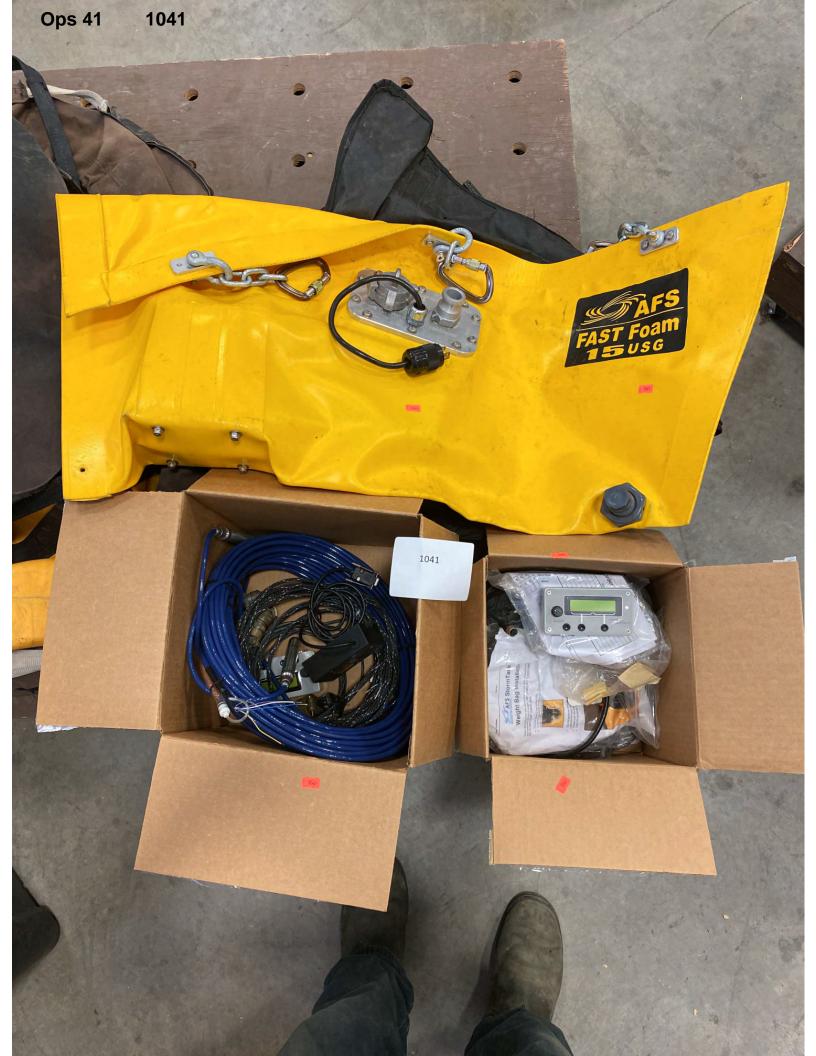


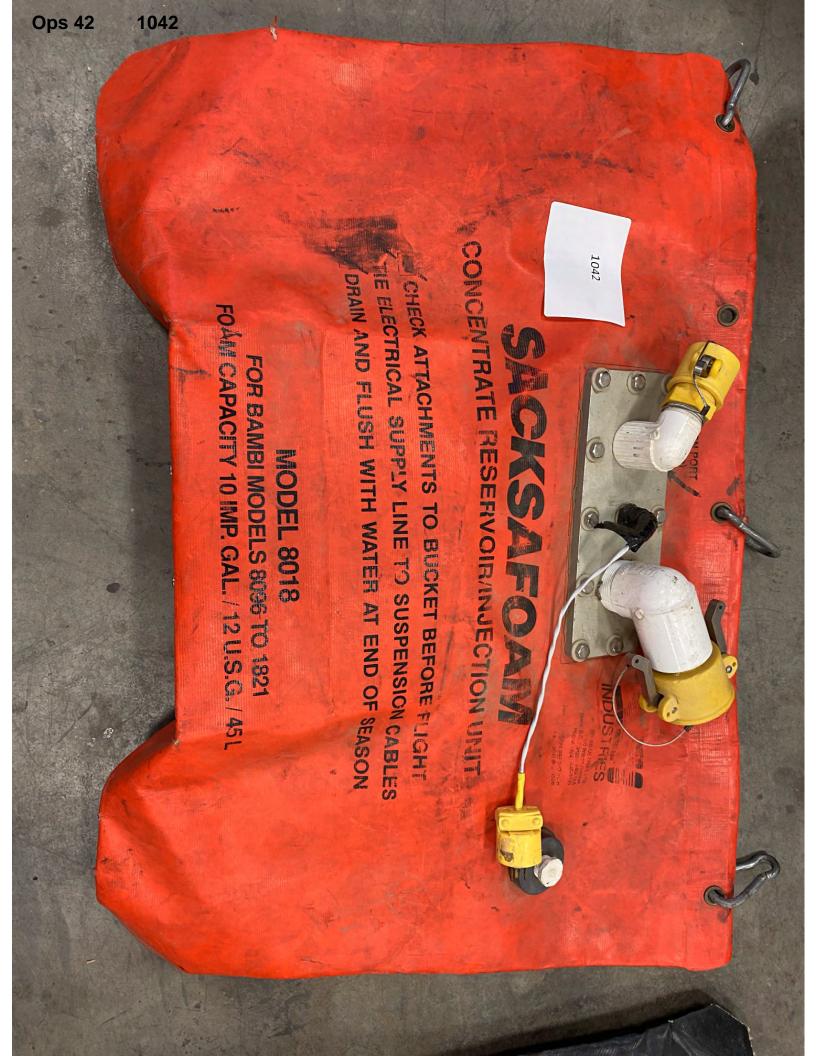




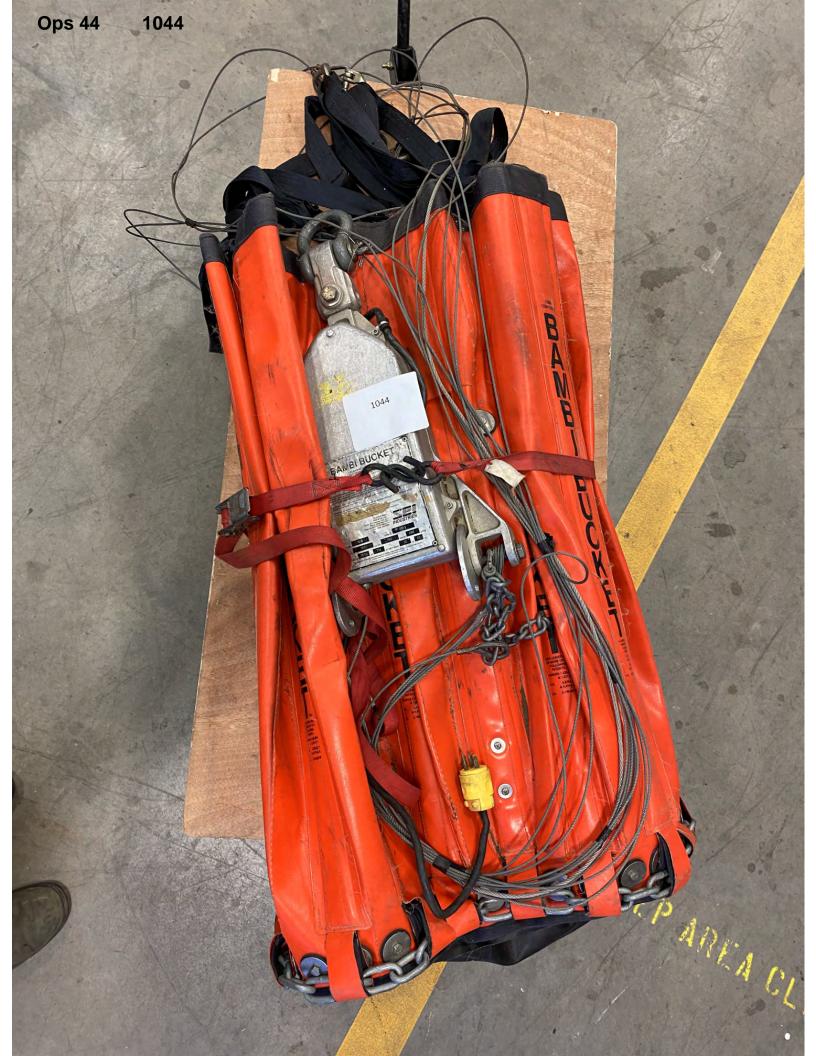


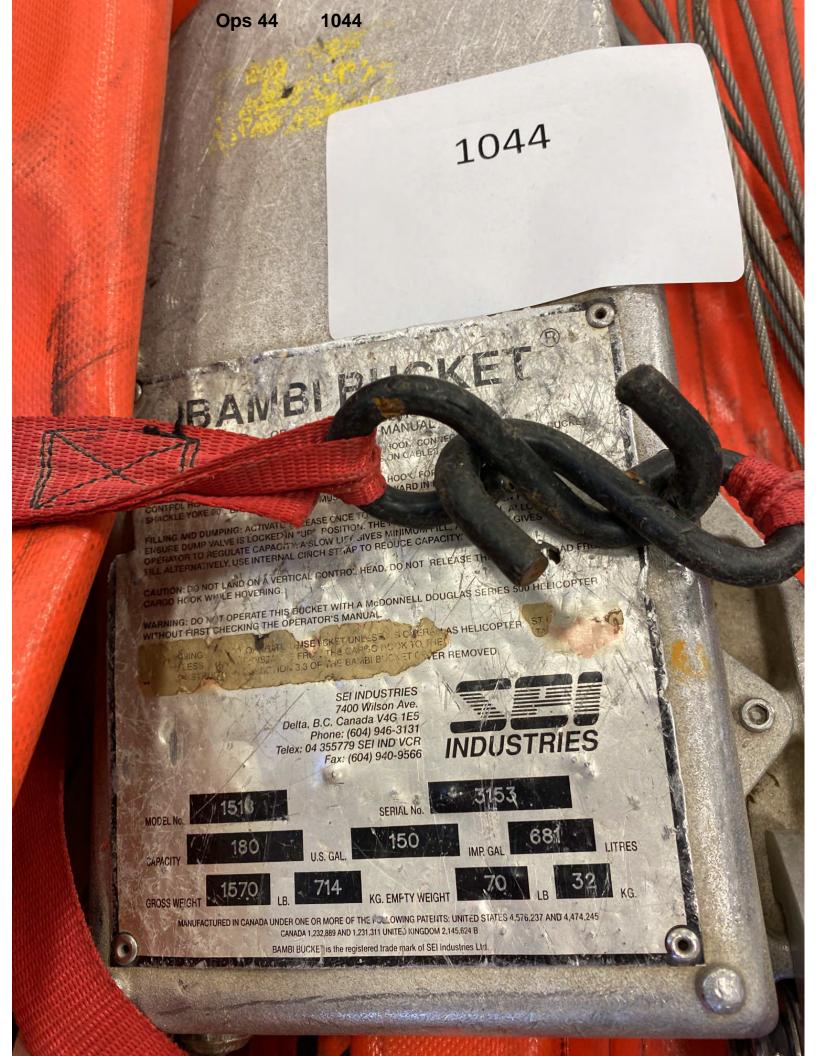


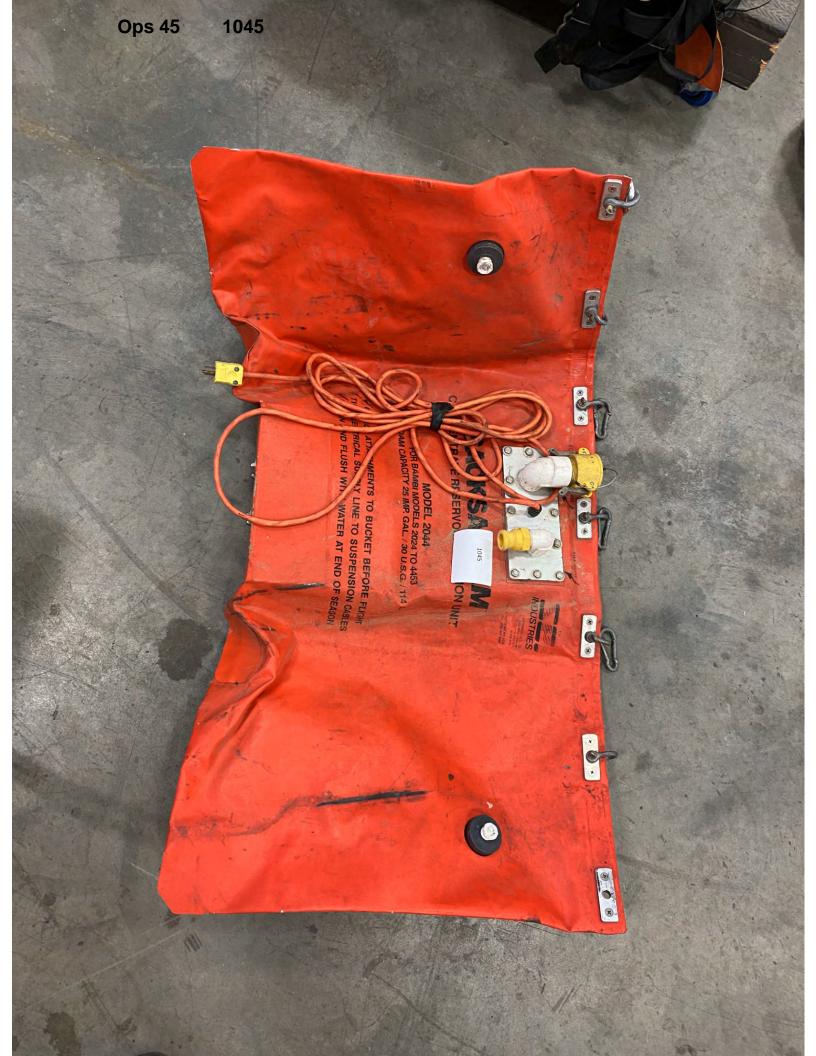










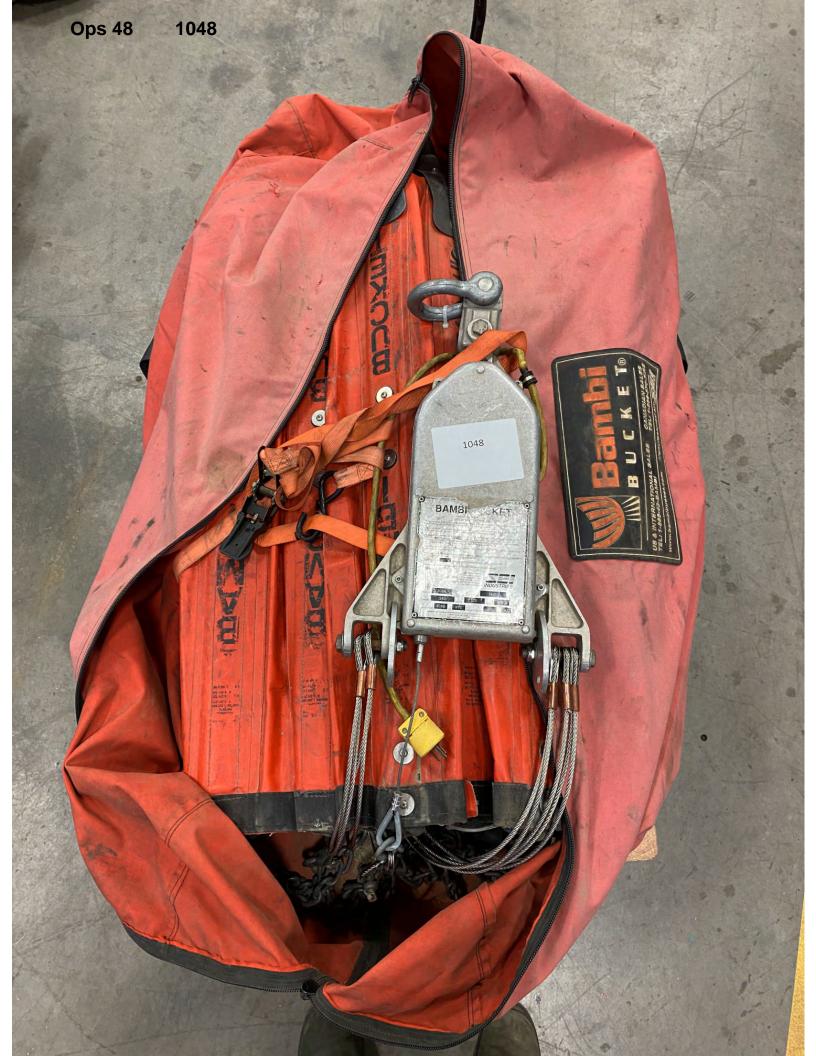












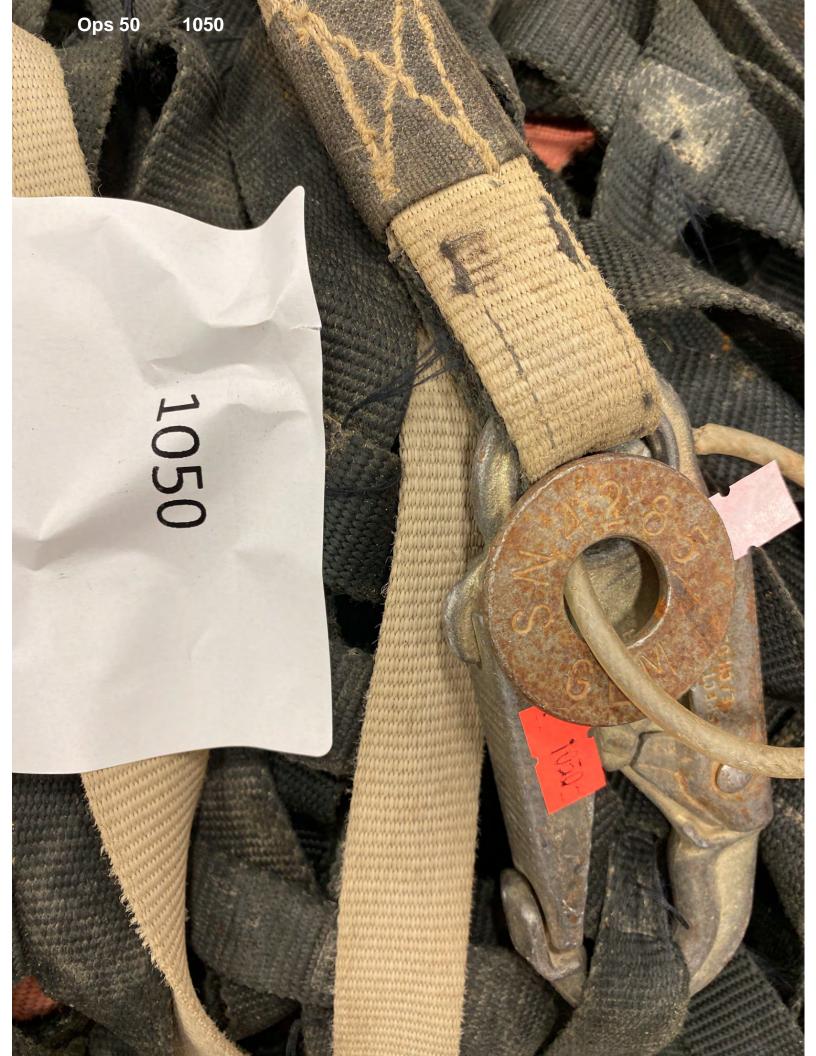


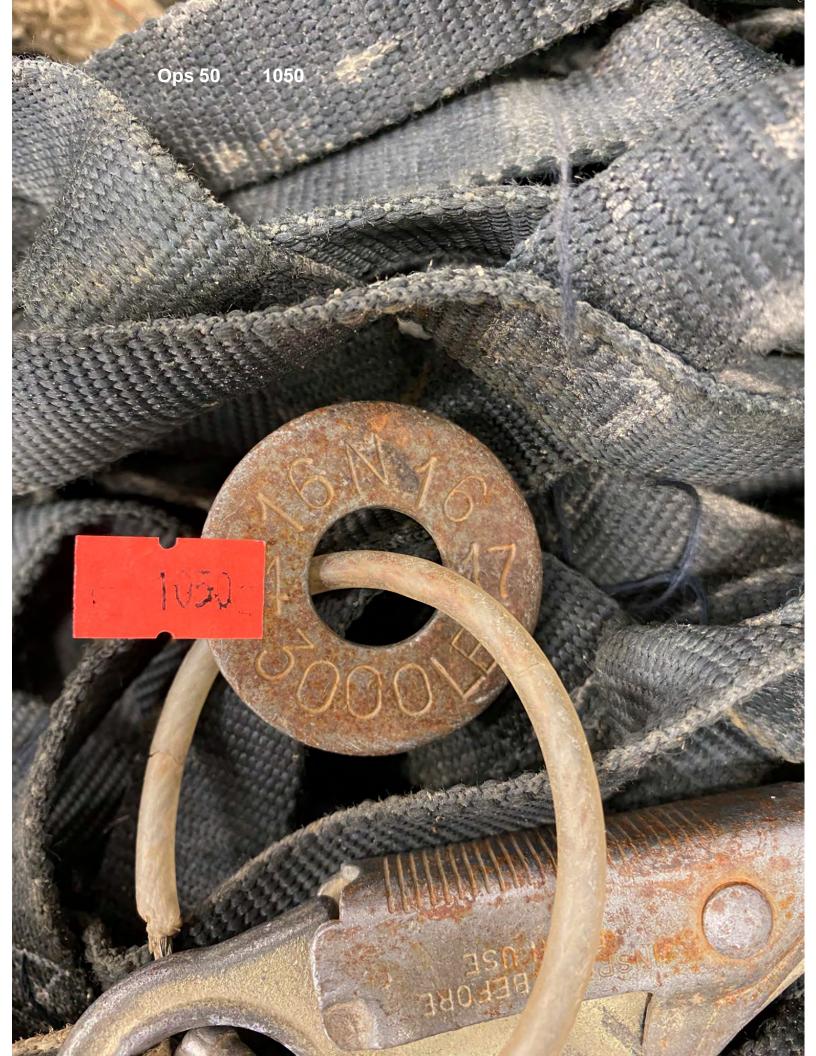




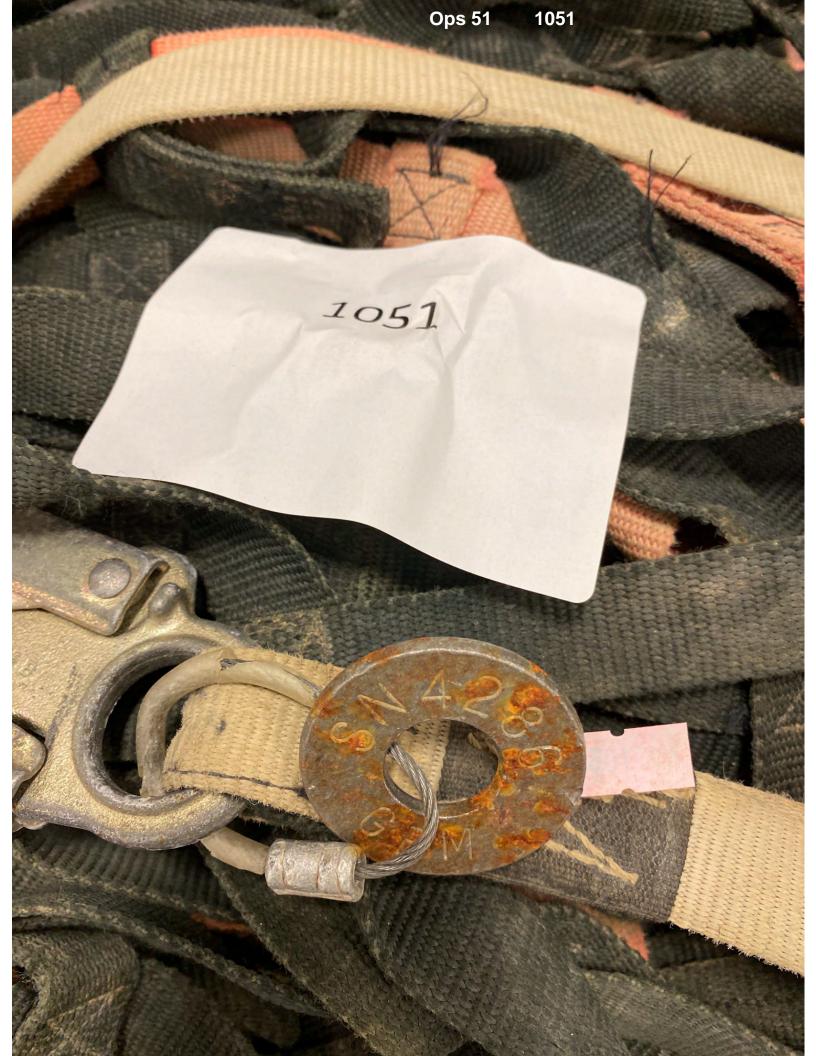










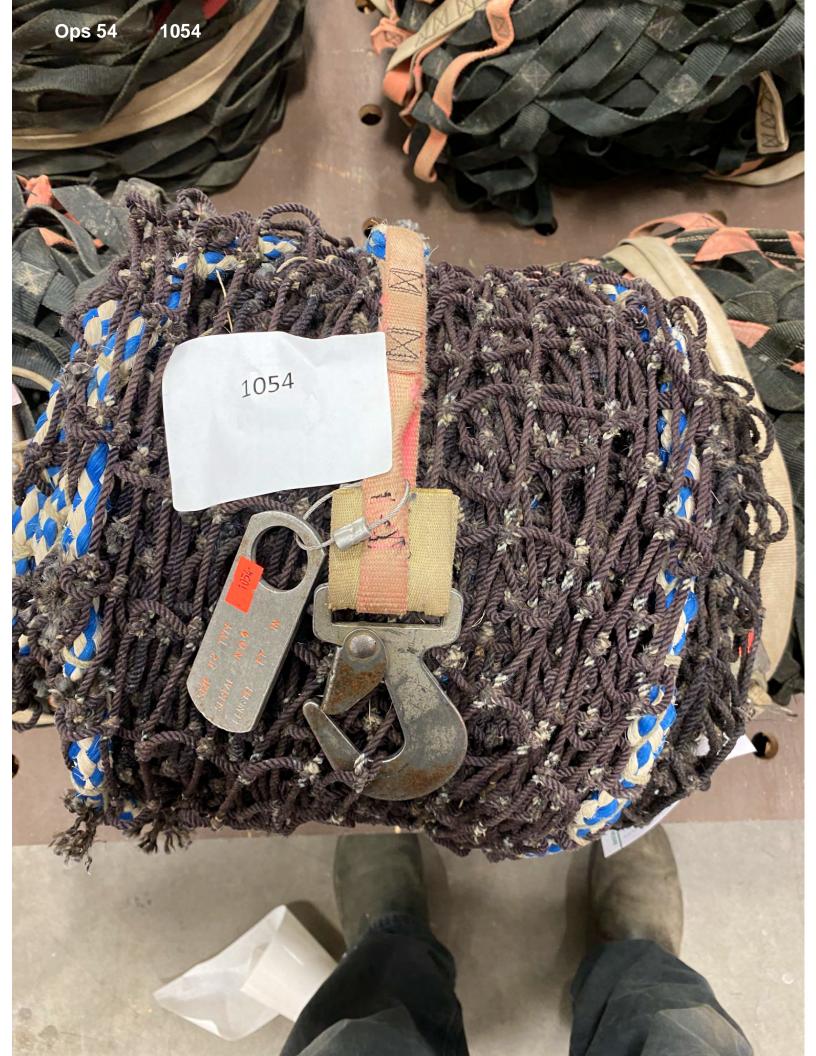


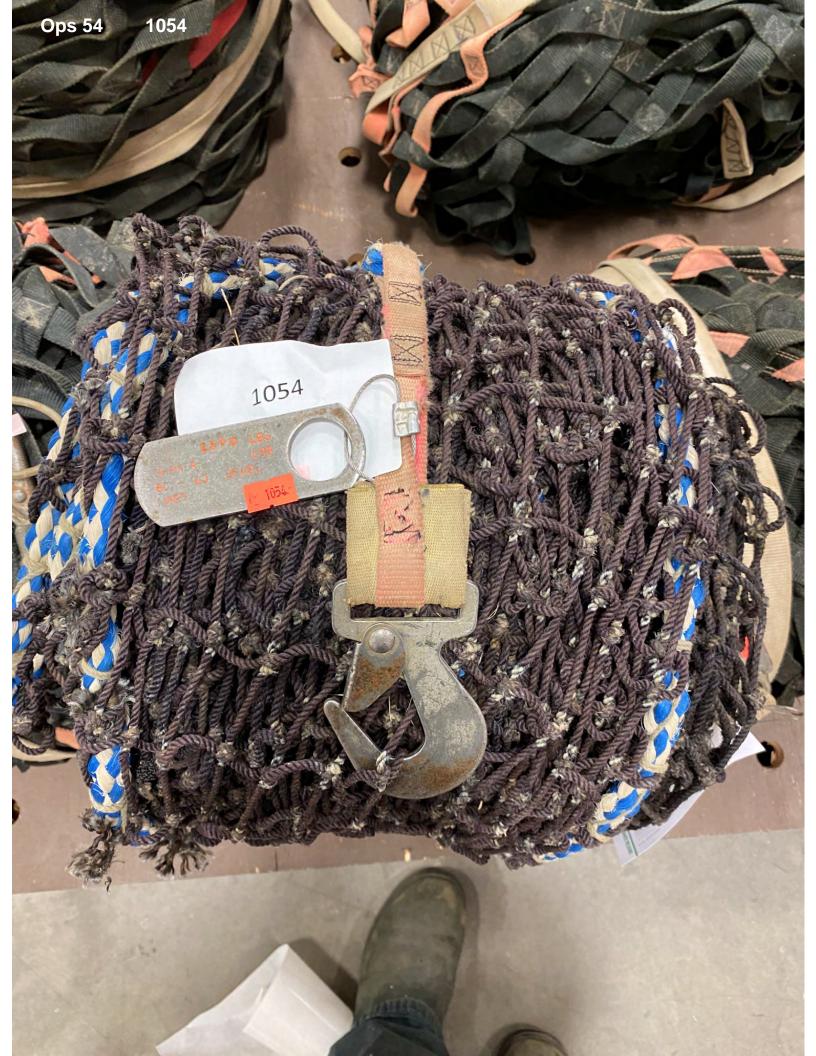


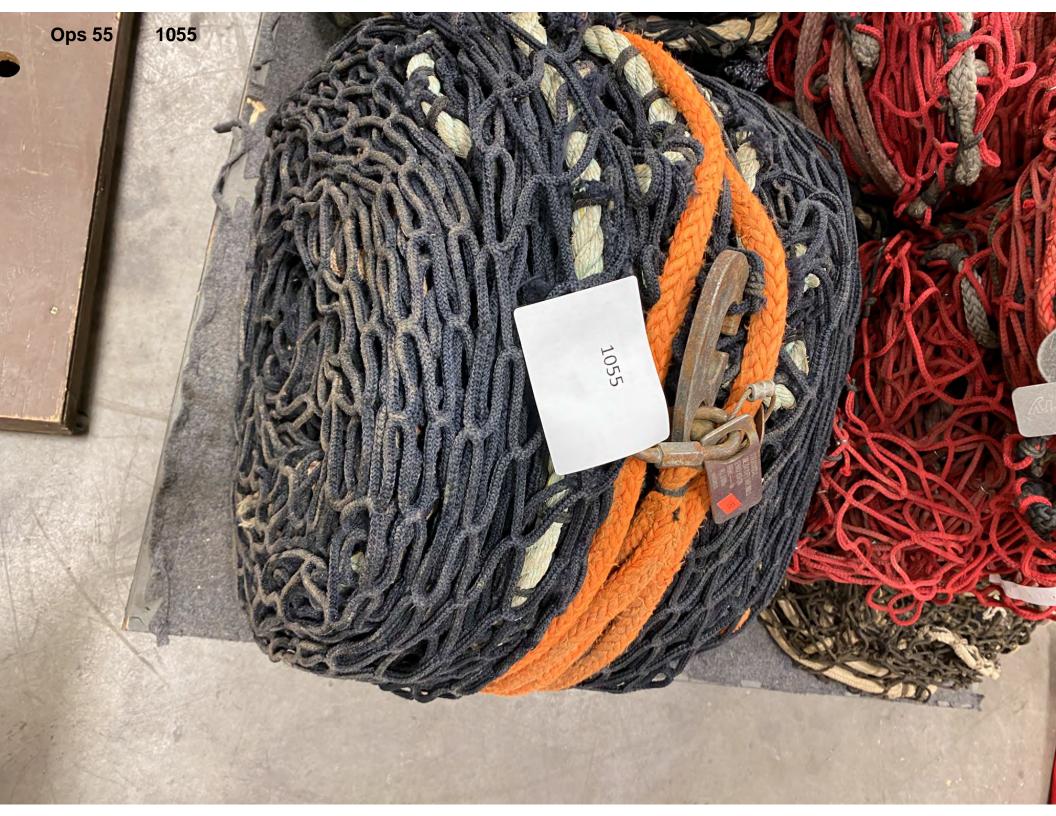










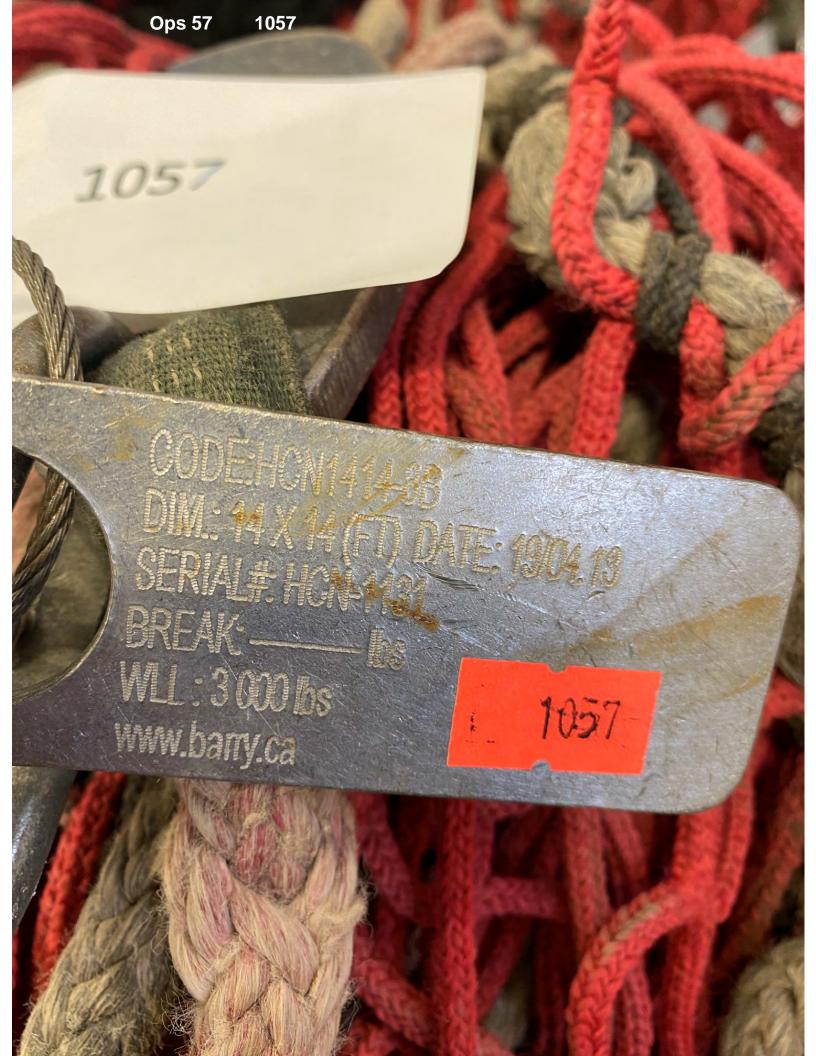






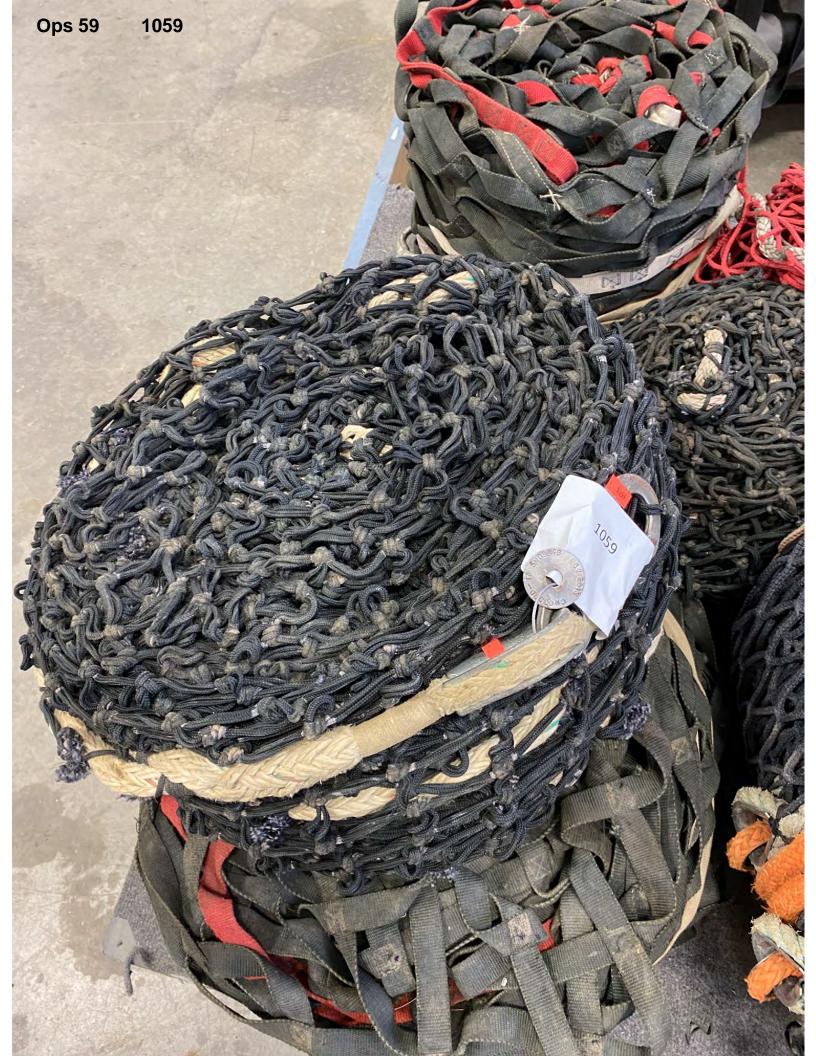






































































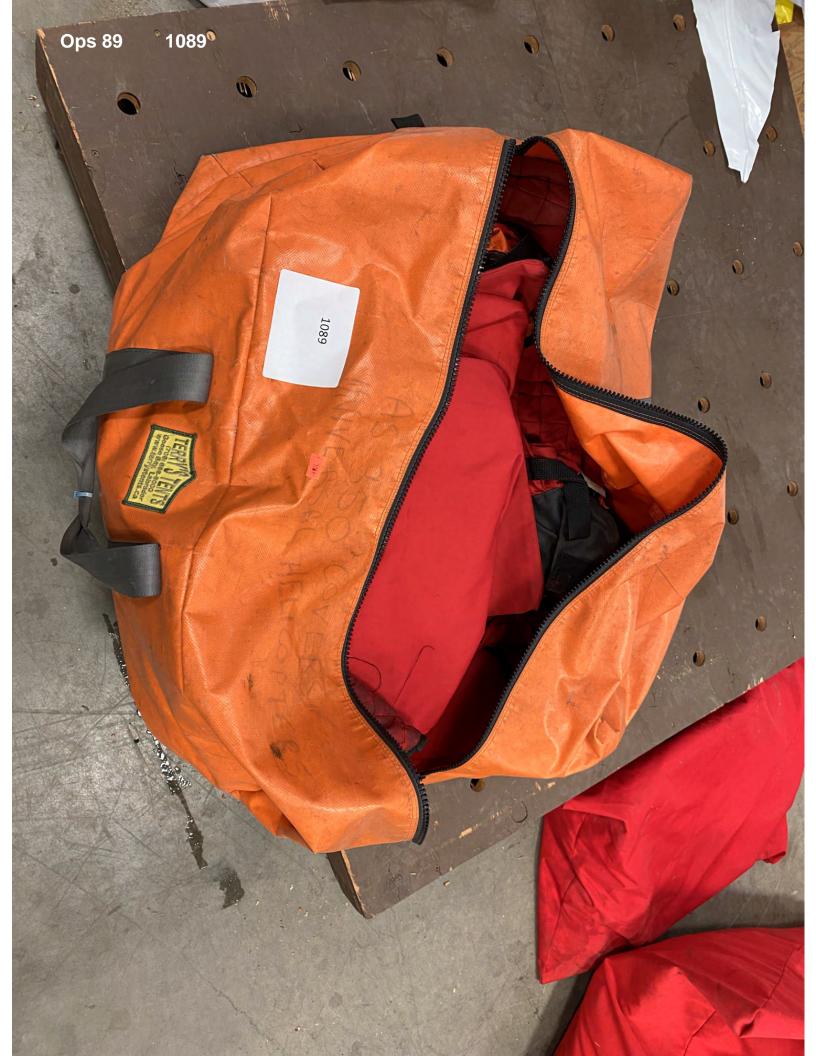




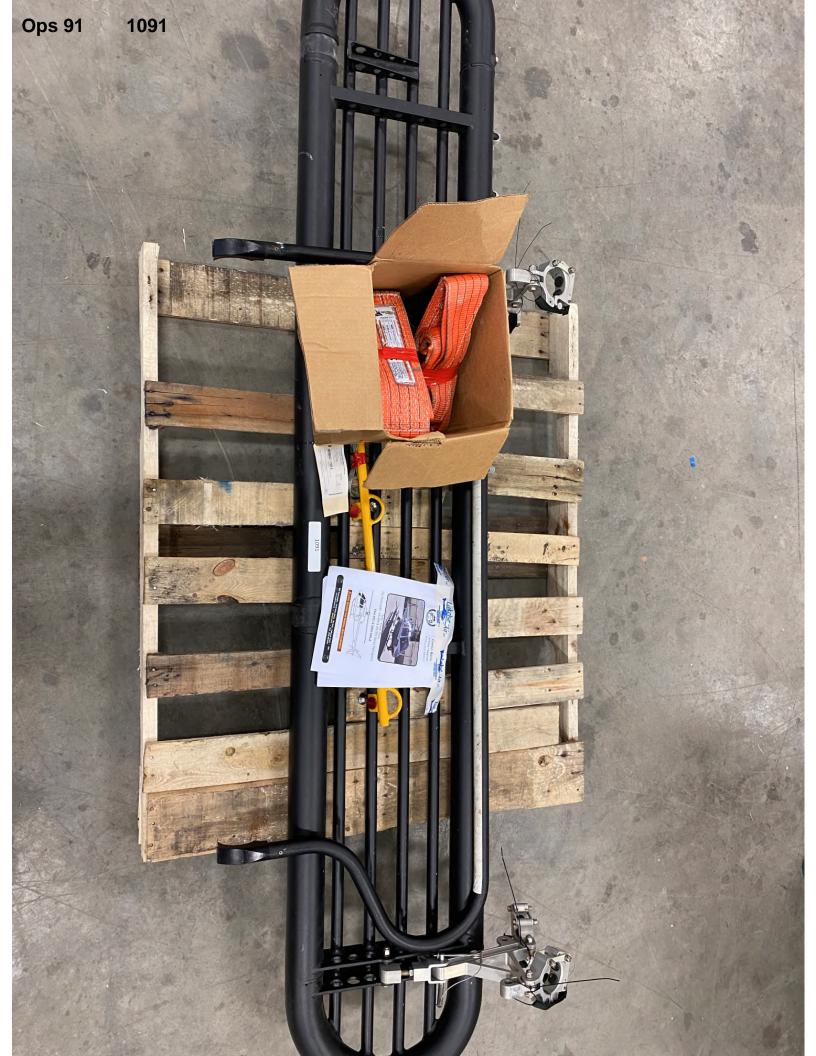






























































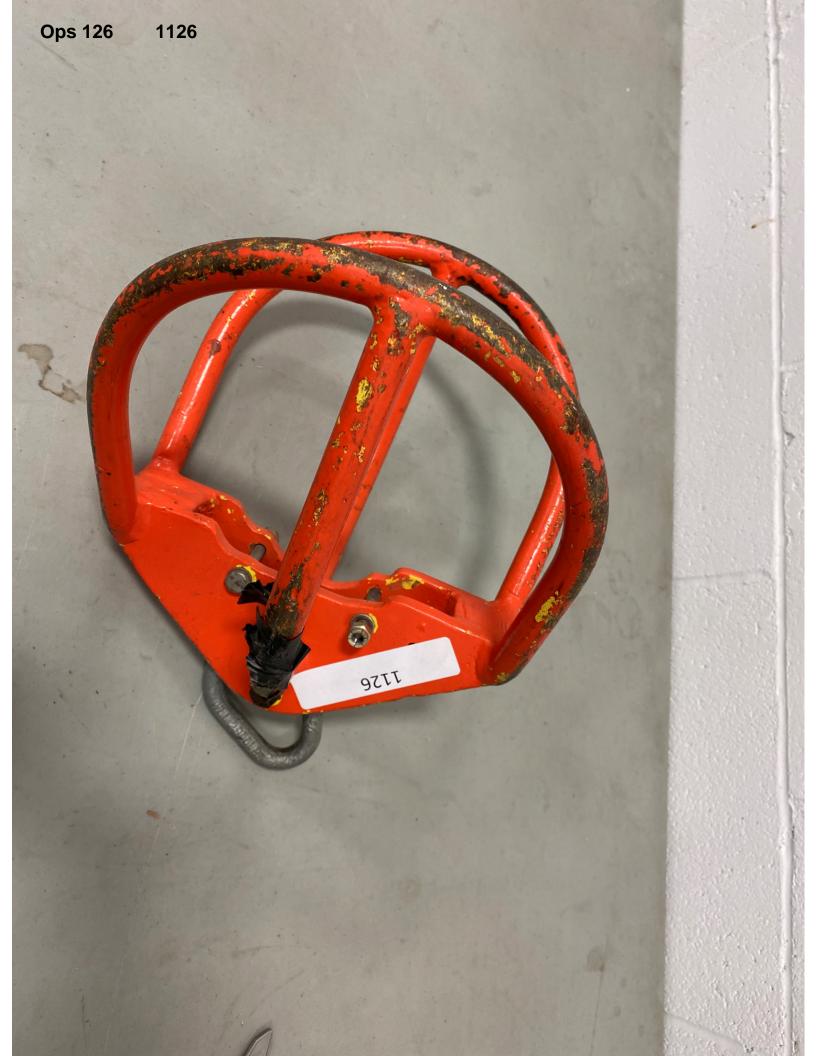


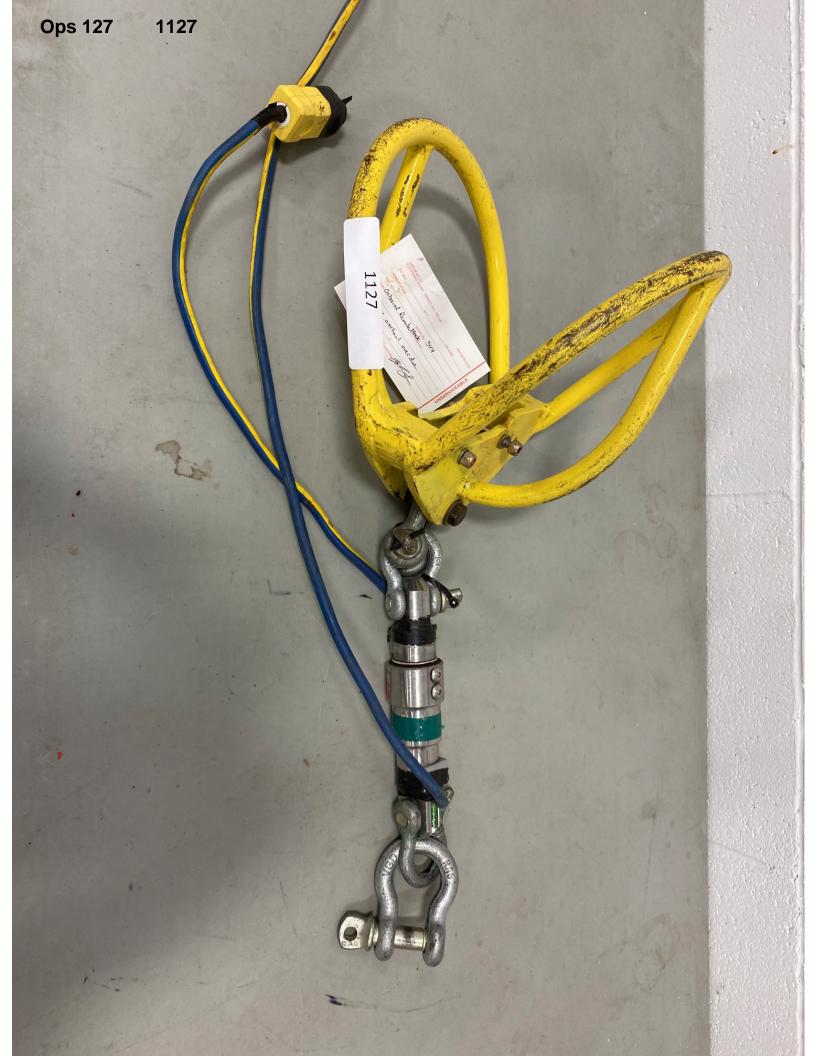


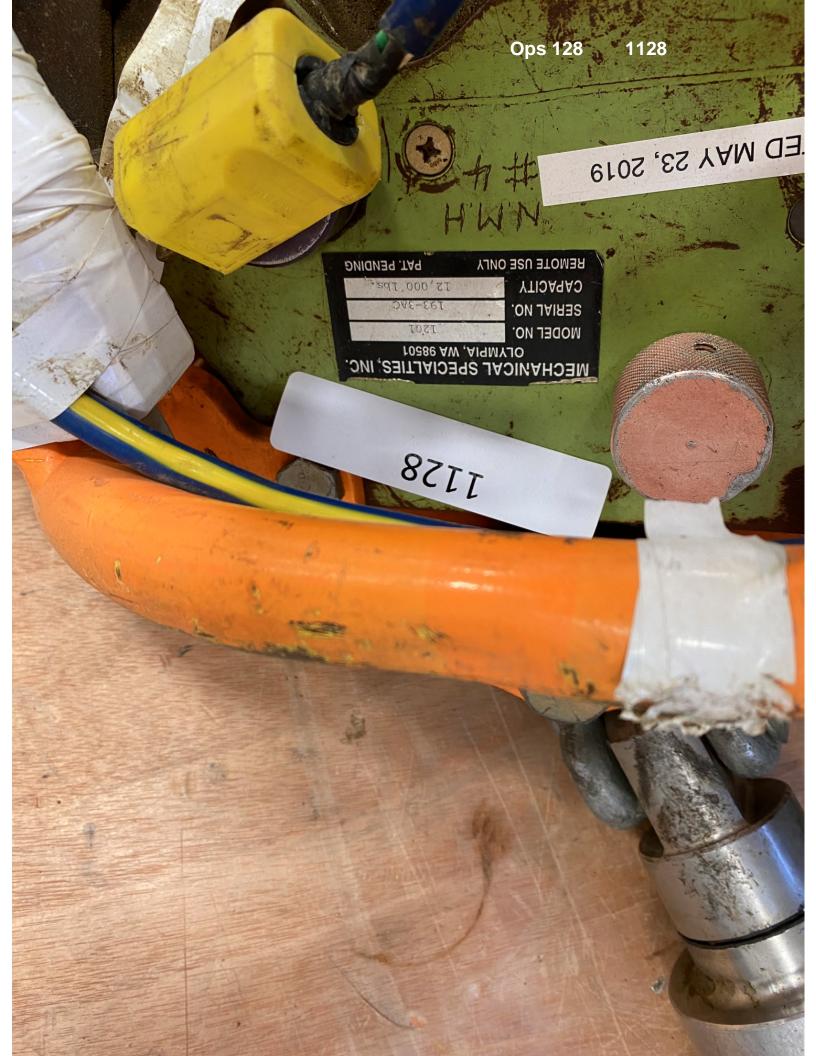










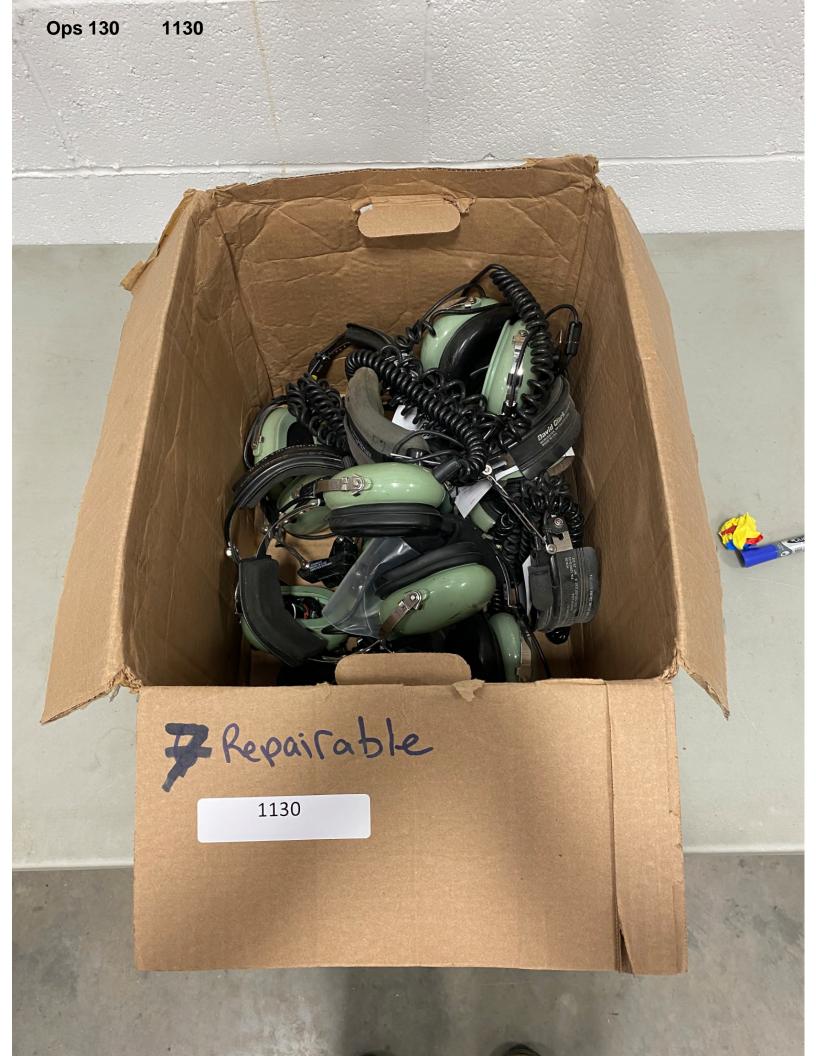












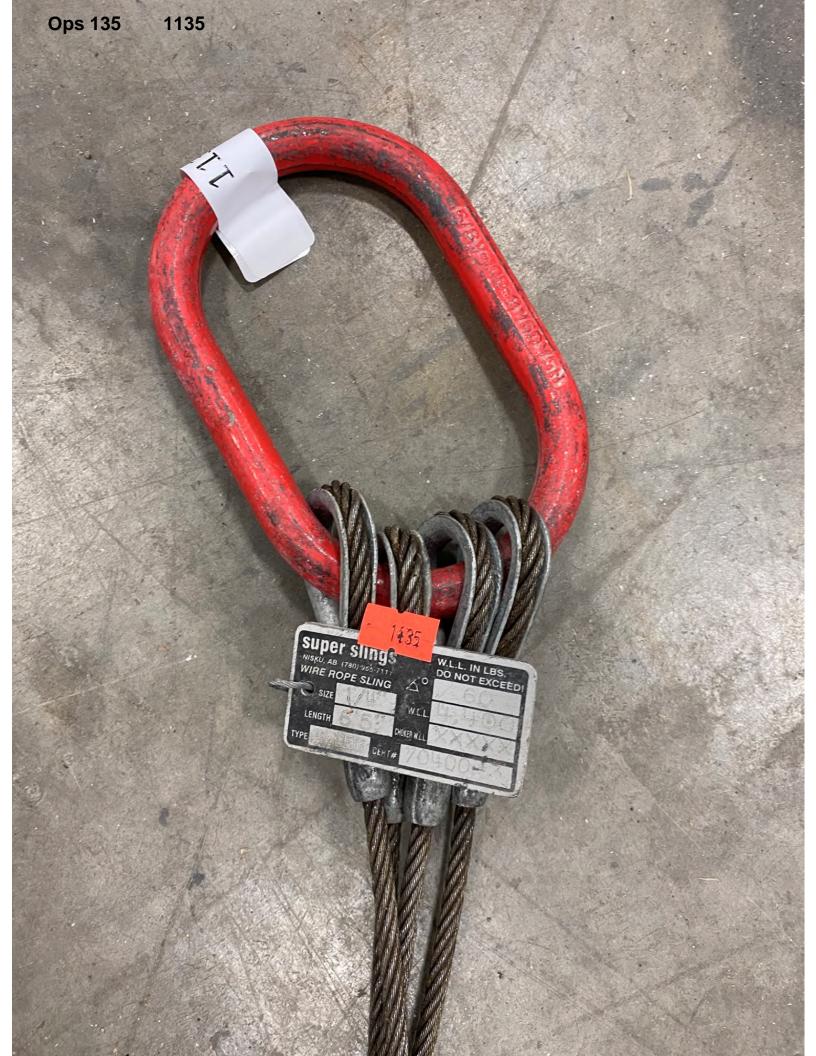


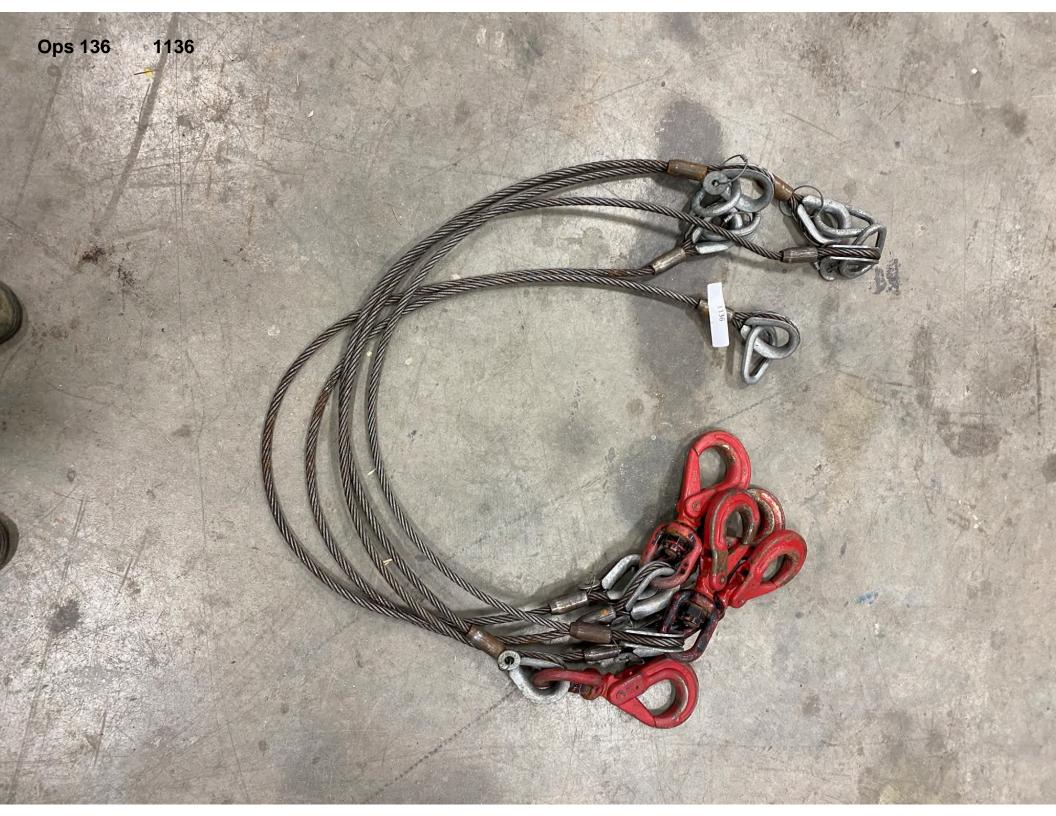








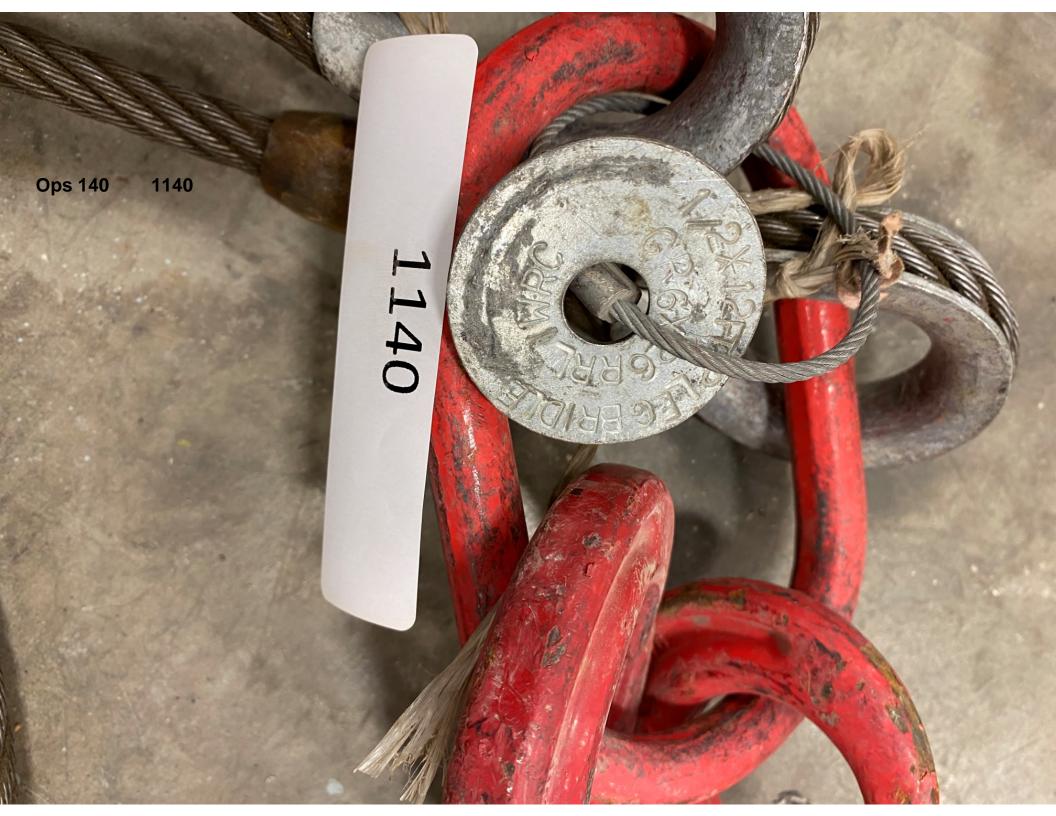








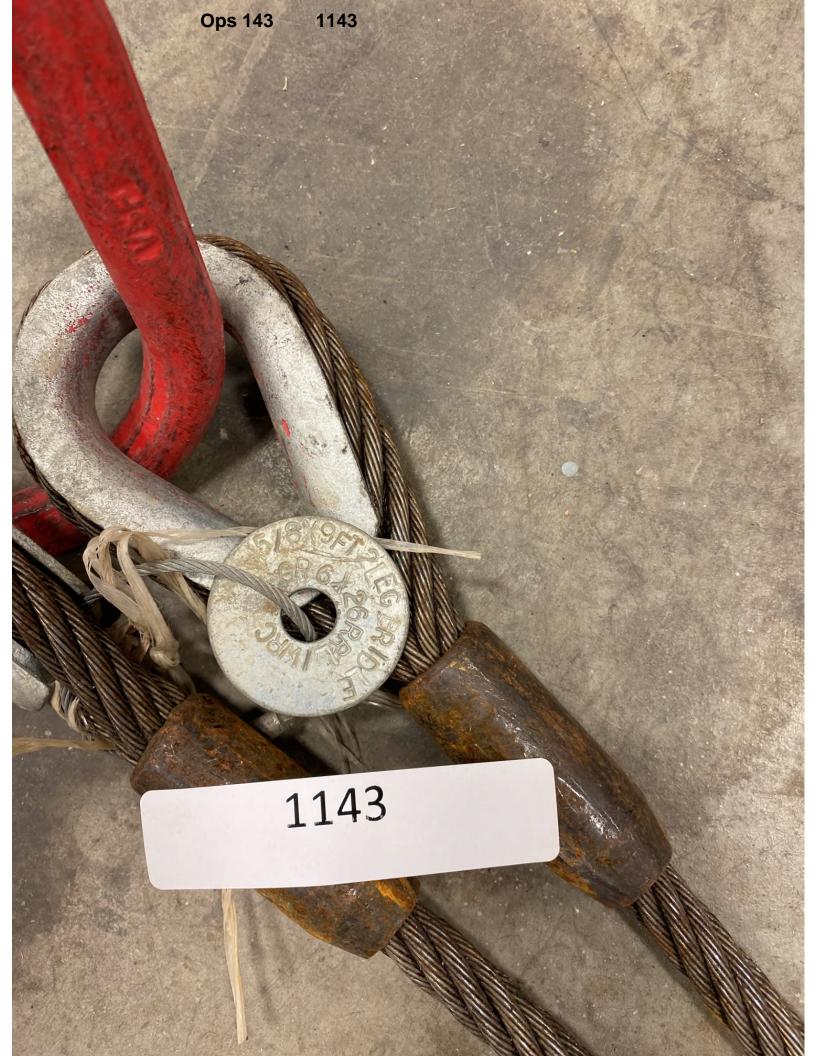












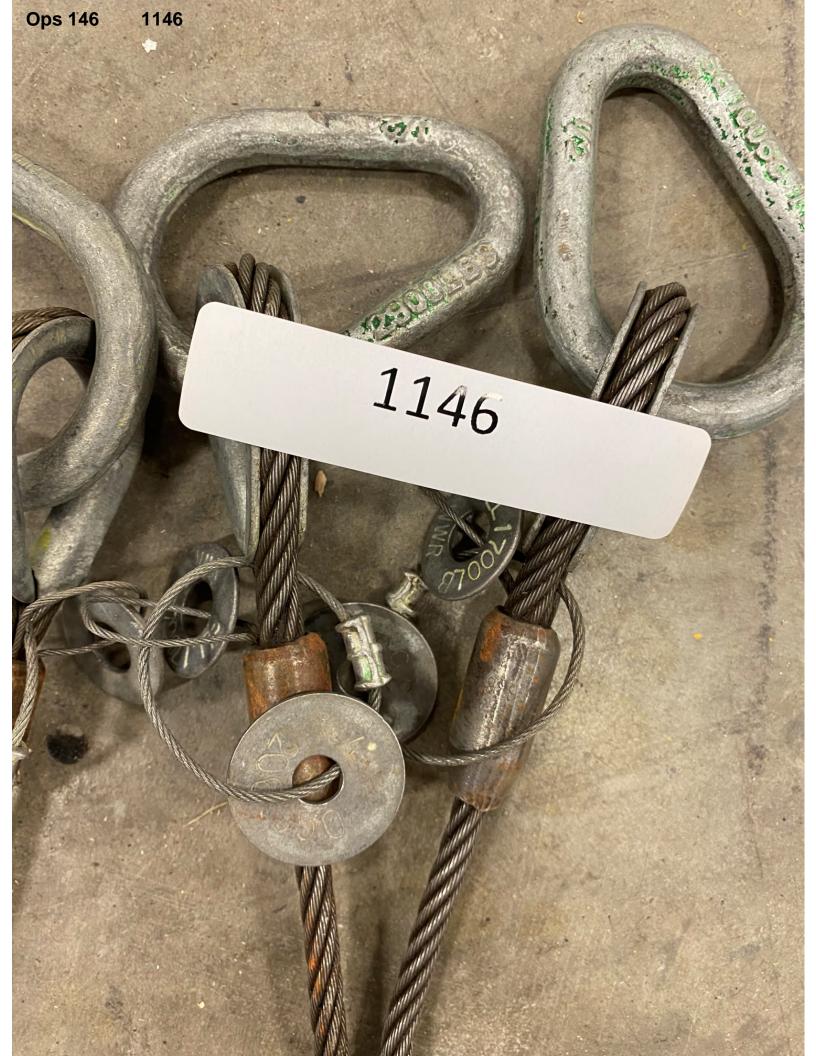






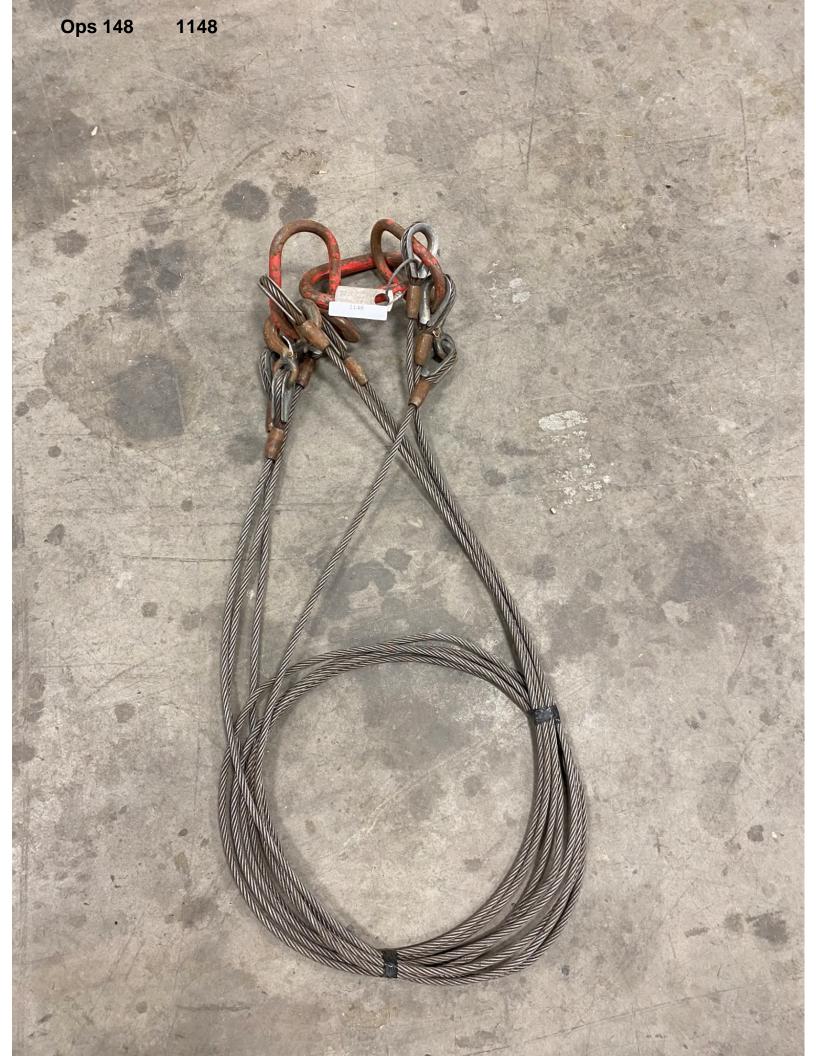
















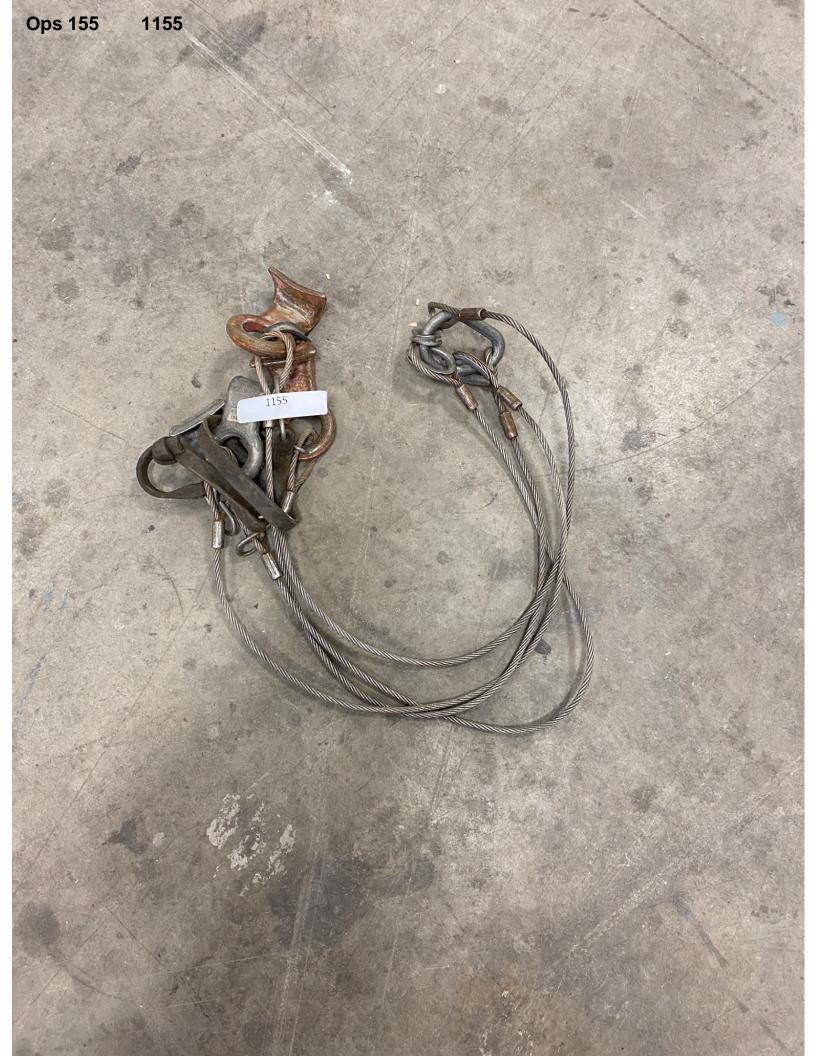












GREEN MOUNTAIN AVIATION PRODUCTS INC. 2064 HENRY AVENUE, SIDNEY, B.C. CANADA, PH: (250) 656-0597

BATCH# 45 x 60 STYLE# IM 4560 MA-8

TEST REPORT:

DATE: July 9, 2018 P.O. #: UH12951
FAR 25.853 APPENDIX F PART (1A Lii)

1156













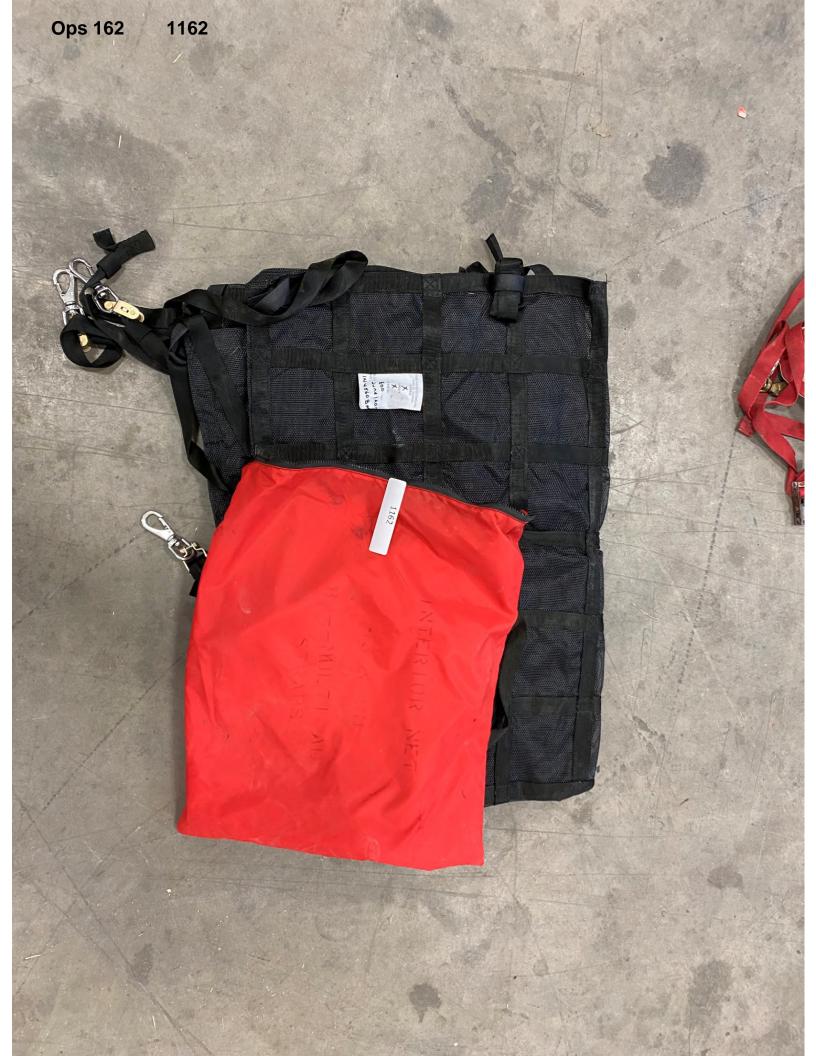














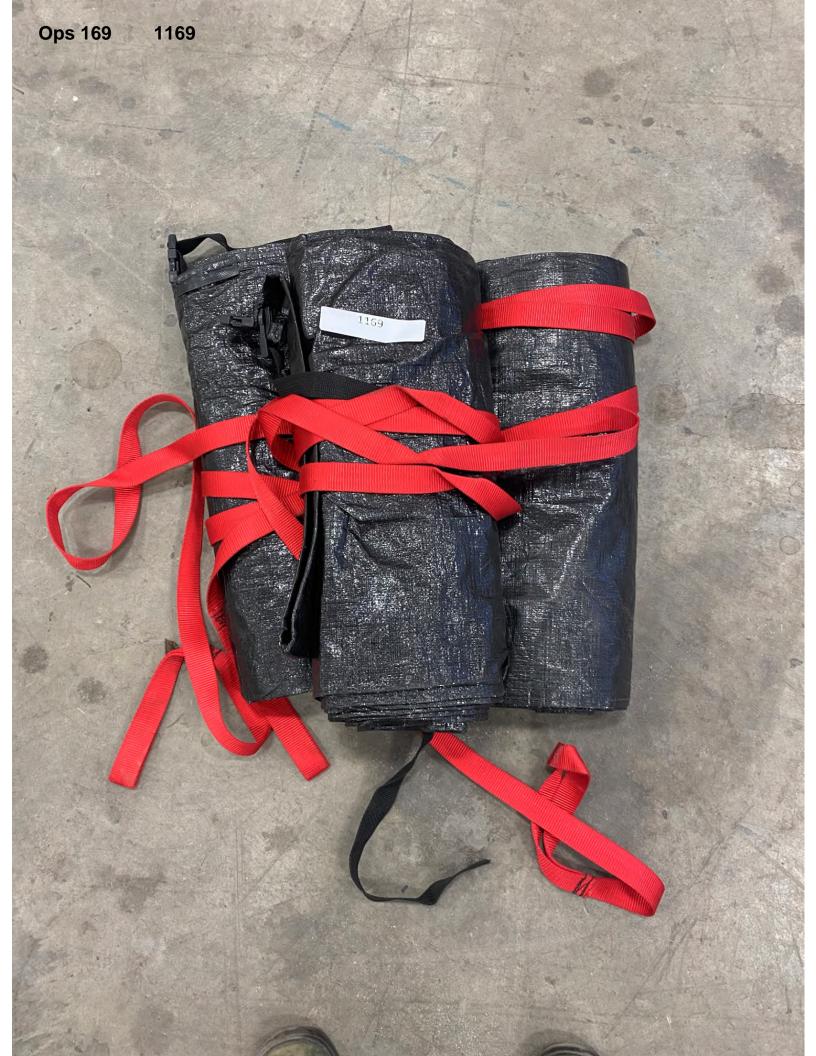














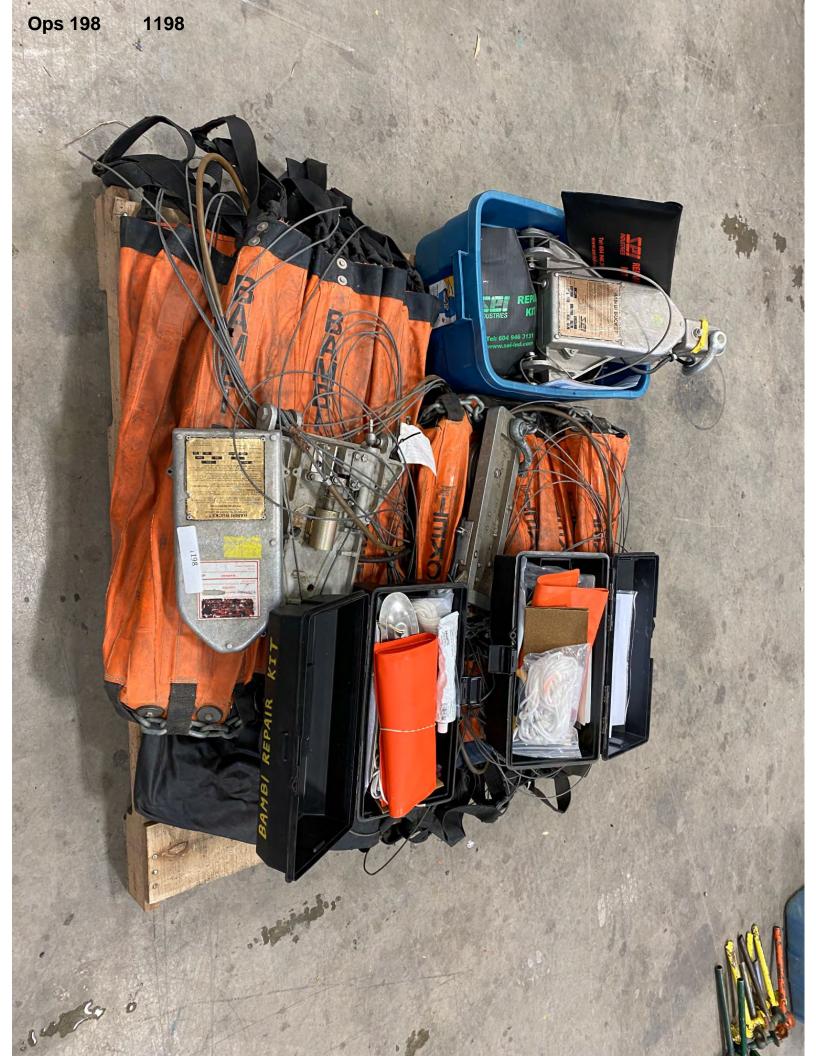






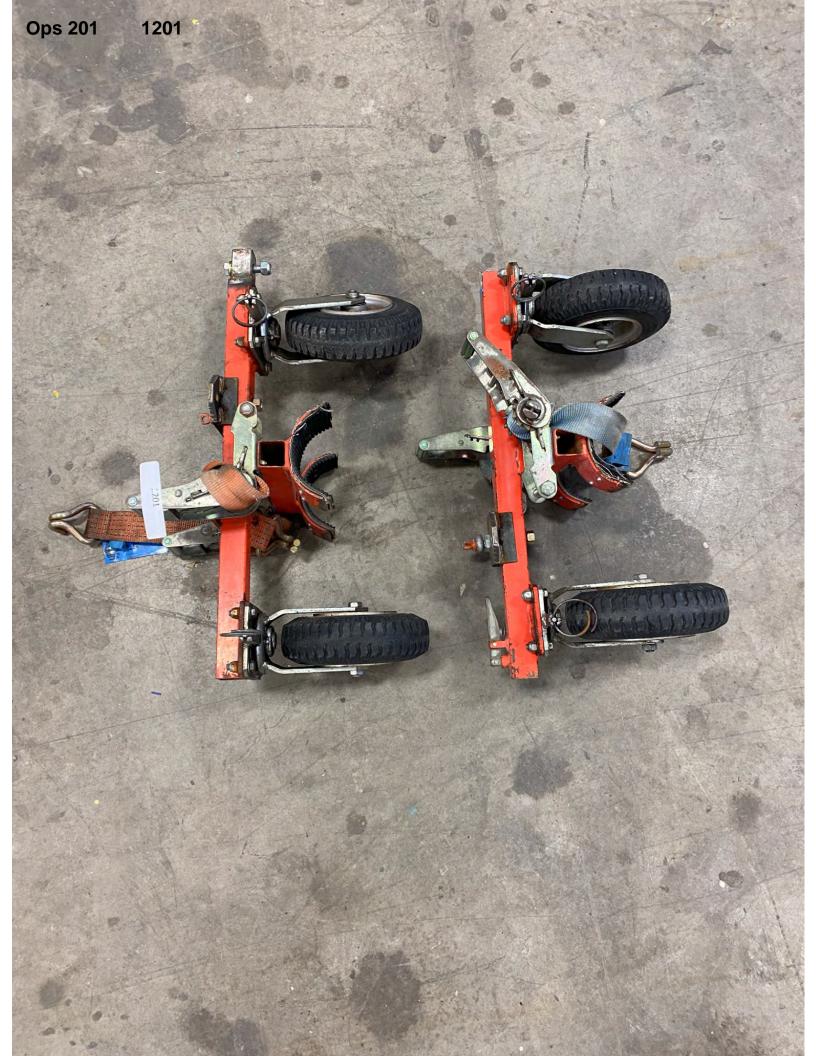










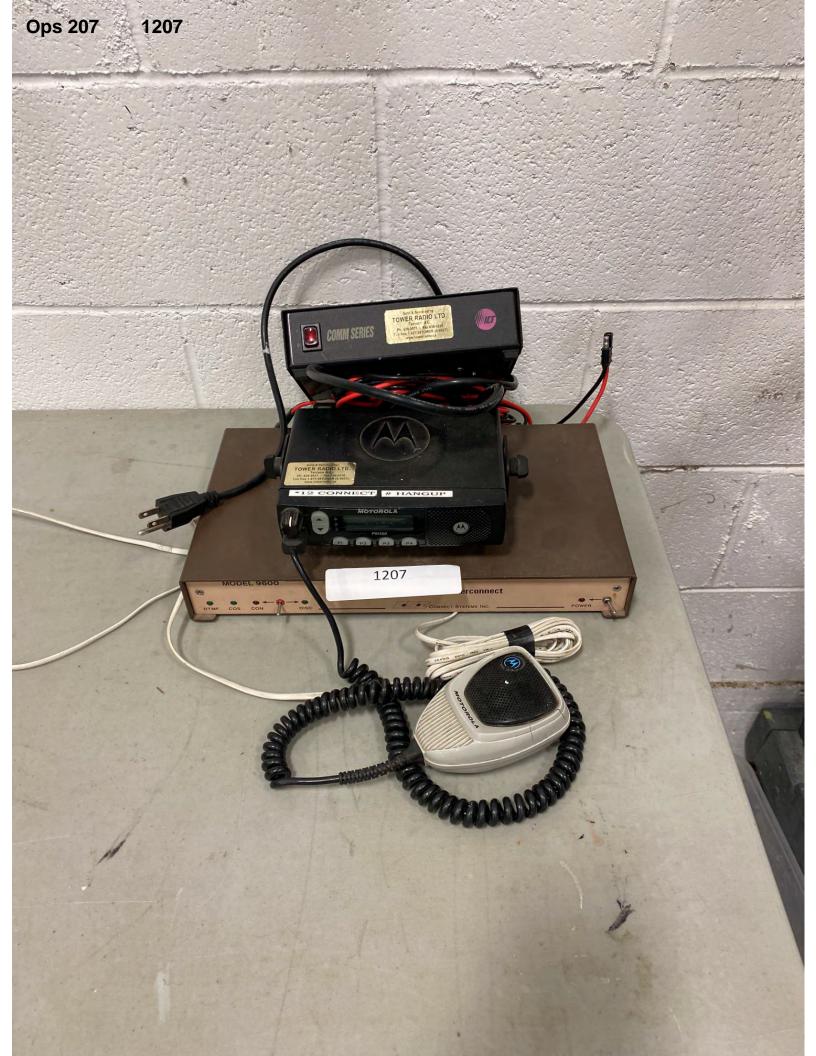






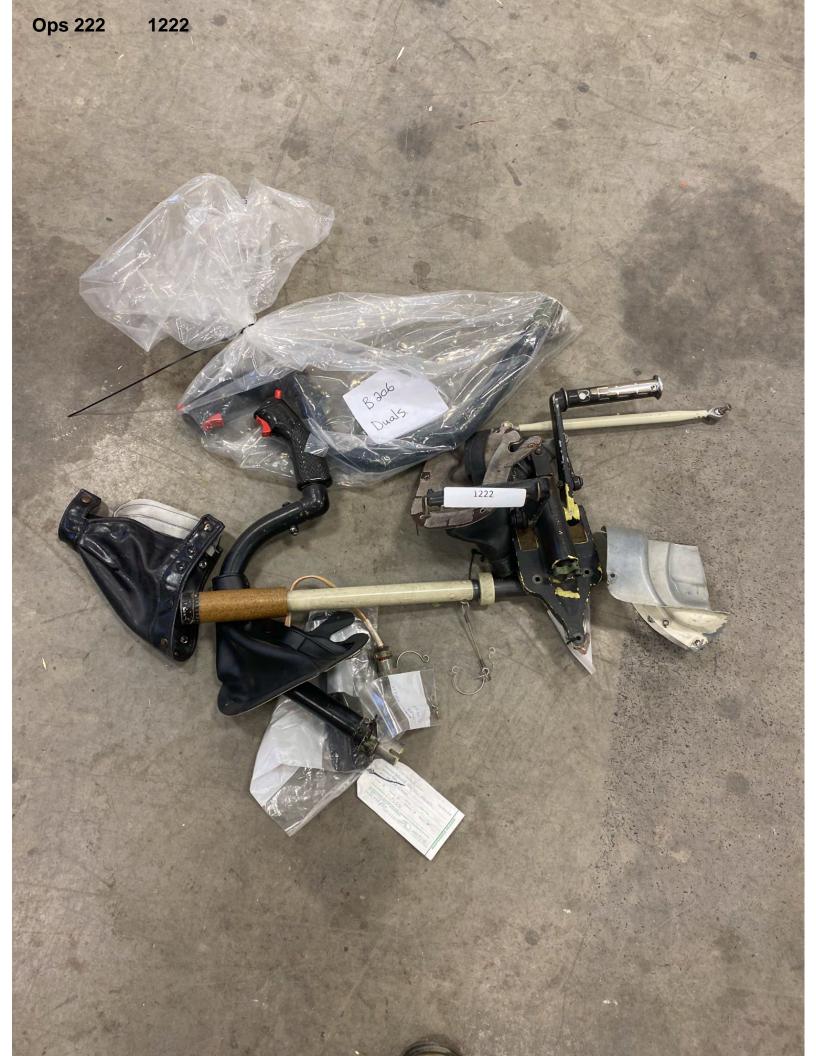










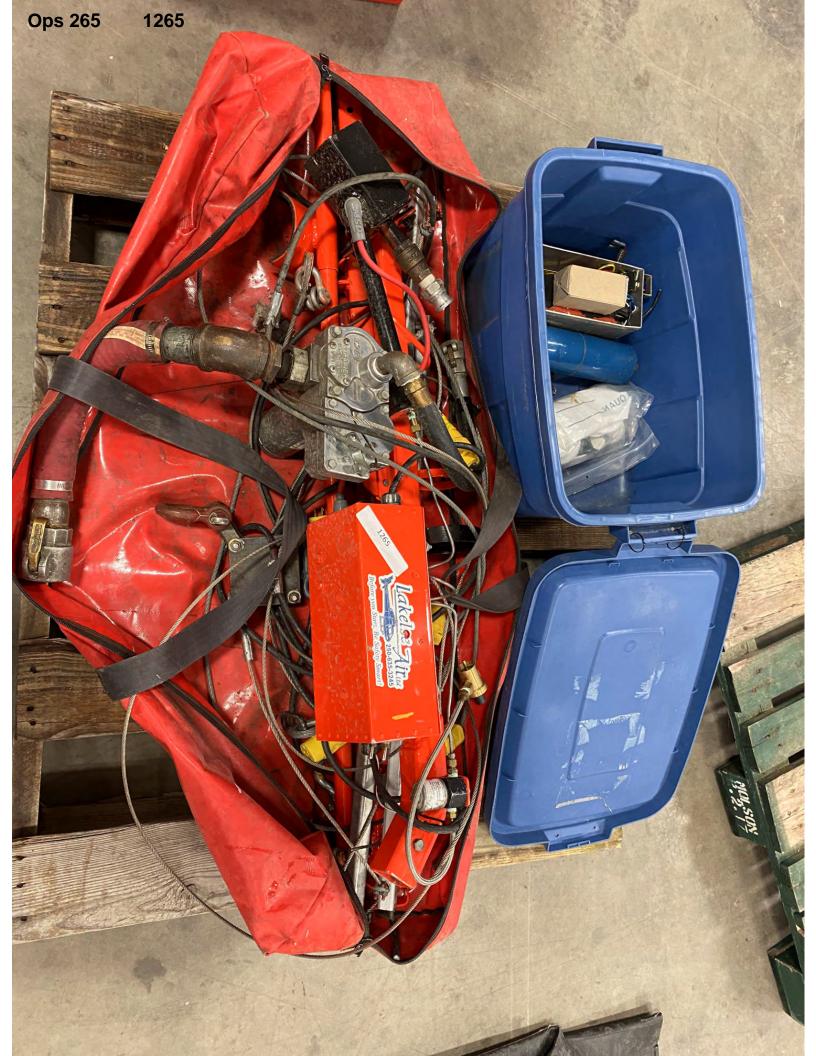






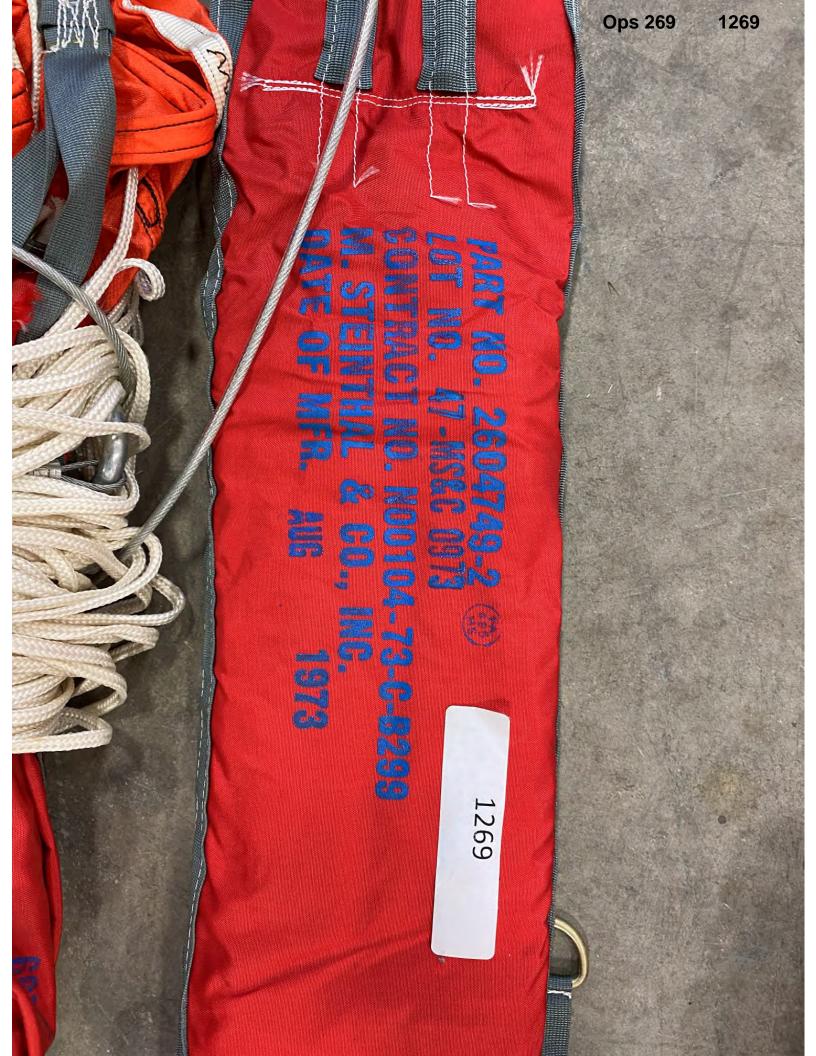


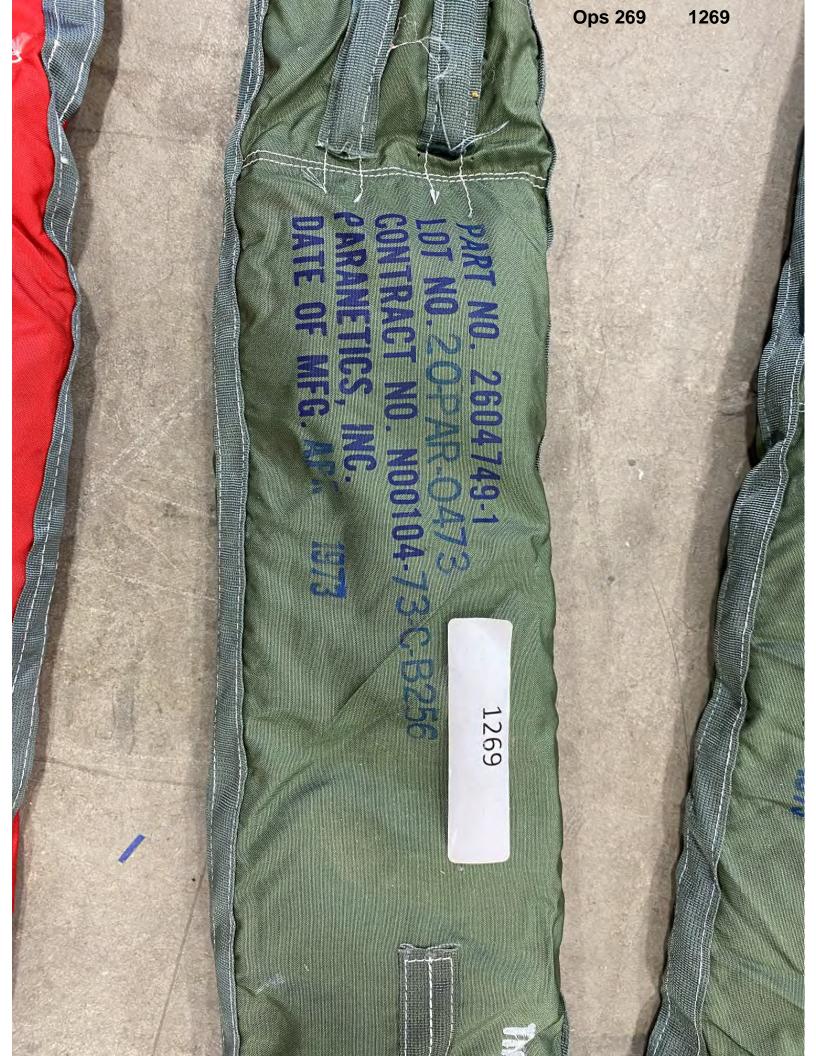




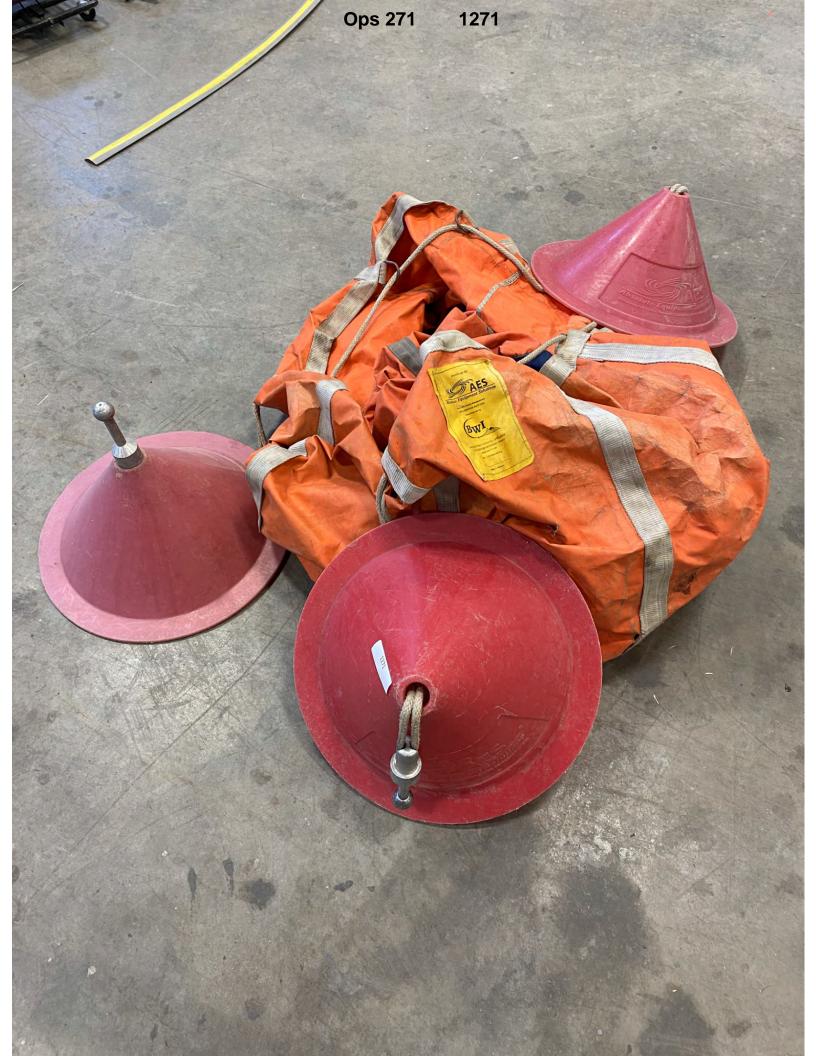




































FLYIT Professional Training Simulator – Pictures and Documentation



PROFESSIONAL HELICOPTER SIMULATOR (PHS-3)



ACCURATE, REALISTIC, AFFORDABLE FLIGHT TRAINING DEVICES



Safety Based Training

With mission based scenarios

Emergency Procedures

Weather, loss of tail rotor control, electrical, power/auto rotation, etc.



Private/Instrument

Time to ratings reduced from 70 hrs. (National average) to 40 hour min.



Performance matches POH V-speeds



iville i ligitt wodels

renormance matches FOH v-speeds

Motion System

Accurately exhibits effects of tail rotor, provides a sense of being airborne



240 degree Field Of View









Platinum Simulators Inc. 1945 Camino Vida Roble, Ste L, Carlsbad, CA 92008 USA +1-760-683-8922 sales@platinumsimulators.com www.platinumsimulators.com

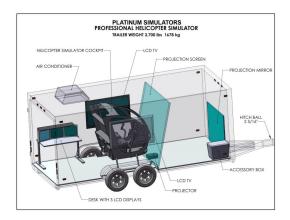
PLATINITIES Flight Training Devices

The Platinum Simulators Professional Helicopter Simulator is a two-seat, side-by-side cockpit with dual controls providing hands-on instruction for hovering and all flight maneuvering. A complete instrument panel is provided for visual and instrument training.

The 240 degree visual "out the window" display system allows practice of; take-off, landing, hover, pedal turns, traffic pattern, and confined spaces.

The patented motion system provides ,yaw, roll, and lateral motion for a realistic helicopter feel.

The Platinum Simulators Professional Helicopter Simulator allows pilots to spend more time flying to maintain and enhance their proficiency without using expensive helicopter flight time. Enhance the quality of aircraft training time by completely understanding concepts and developing significant flying skills before entering the helicopter. At check-ride students are more proficient, more knowledgeable, and possess better skills. Enhance safety - Allowing students to learn safe operations and make mistakes in a completely safe environment.



The entire helicopter simulator is supplied in an 18 foot mobile classroom as a totally self-contained system, which eliminates the need for any installation requirements; plug and fly. Also available for a classroom.

Instrumentation is displayed full-size on an LCD monitor. All switches and controls are hard-mounted and replicate the size, shape, color and location of those in the real aircraft.

Nine Flight models match the V numbers in the pilot's operating handbook (POH) for each aircraft.

- Piston R22, R44, Schweizer 300, Enstrom 280FX.
- Turbine Robinson R66, MD 500, Bell 206, Bell 407 with FADEC (turbine start-up/shut-down), AS350 B2. Custom panels and cockpits are available at additional cost.

The software provides an accurate flight-model including translational lift, ground effect, torque, vortex ring state, settling with power, auto-rotation, white or brown out, etc.

Over 25,000 airports and all navigation aids are available. VFR and IFR weather conditions are included. Custom airports are available.



Platinum Simulators Inc. 1945 Camino Vida Roble, Ste L, Carlsbad, CA 92008 USA +1-760-683-8922 sales@platinumsimulators.com www.platinumsimulators.com





PLATINUM SIMULATORS PROFESSIONAL HELICOPTER SIMULATOR



CONTENTS

SAFETY AND TEACHING

PLATINUM SIMULATORS	1
PROFESSIONAL HELICOPTER SIMULATOR	1
SPECIFICATIONS	4
PLATINUM SIMULATORS RECURRENT TRAINING CHART	7
High Level	7
FAULT LIST	9
ADDITIONAL INFORMATION	11
THE BUSINESS CASE	
MONEY IN YOUR POCKET	
MAKE MONEY WITH A PLATINUM SIMULATORS SIMULATOR	
REDUCE ACCIDENT RISK	18
CALCULATE PROFIT	19
FLIGHTIME ASSURANCE PROGRAM	20
ARTICLES	22

SPECIFICATIONS

STANDARD FEATURES

FAA APPROVED FOR VFR AND IFR TRAINING

7.5 HOURS VFR

HALF THE IFR TIME REQUIREMENT (40hrs Part 61 35hrs Part 141)

THE ENTIRE IFR CURRENCY REQUIREMENT

IFR RECURRENT TRAINING, IPC CHECKS

INSTRUMENT PRACTICAL TEST

50 HOURS TO COMMERCIAL

25 HOURS TO ATP

FULL SIZE COCKPIT

Dual controls (standard and Robinson cyclic included).

All instrumentation is digital. No mechanical parts.

Stick shaker.

Seats are full Leather.

4 Place intercom system included.

2 Headsets are included.

Subwoofer sound system included.

Simulator is Constructed of PVC board, a lifetime material that never needs maintenance.

All metal parts are powder coated.

SIMULATION

Computer –Intel i7, 8G Ram, 2-128G Solid State Drives with Operating System and Simulation. Lockheed Martin Prepar3D software with Jeppesen 25,000 airport worldwide database with appropriate navaids runway/taxiway markings and lighting.

Customized "Training Scenario Development Service" available by PLATINUM SIMULATORS.

No scenery subscription is required.

Entire world is simulated with accurate elevations. Fly anywhere in the world.

Full vibration Systems, rotor vibration and you feel the skids touchdown.

Accurate Aerodynamic Flight Modeling appropriate to every helicopter being simulated.

Wi-Fi wireless connectivity to the simulator allows you to see your position on your I-Pad, train the same way you fly.

FLIGHT MODELS WITH APPROPRIATE INSTRUMENT PANELS AND ENGINE GAGES

Piston: R22. R44. Schweizer 300. Enstrom 280 FX.

Turbine: Robinson R66, MD 500, Bell 206, AS350 B2, Bell 407 with full FADEC failure.

(Turbine start up/shutdown)

All helicopter flight attributes and flight dynamics are exhibited, a real helicopter flight experience.

LCD HIGH RESOLUTION REAR PROJECTION SYSTEM

High resolution 1400 X 1050 projector is used.

Spare projector bulb.

95" x 78" Ground Reference Out the Window view (GROW). Student learns to hover.

OUT THE "SIDE WINDOW" VIEWS

2-HD LED Monitors provide Left & Right out the "SIDE WINDOW" Views. A 210° look at the sky improving low altitude navigation, confined area operations, hover training, flying orbits, accident scenes, formation flying, etc.

AVIONICS STACK - Upgraded Simulated Bendix/King

Dual NAV/COM Transponder ADF
DME HSI RMI

Simulated Garmin 430W with updatable database is included.

Options: Dual 430W and/or Garmin 530W.

INSTRUCTOR COMMAND CENTER (ICC):

3 LCD monitors, desk and chair.

All information is displayed simultaneously.

Moving map, flight review, print vertical and horizontal flight path.

On the fly weather change.

Relocate the aircraft, drag on map or slew.

Record and replay flights with the student from inside the cockpit view or with an external view of the aircraft.

Dedicated instructor fault panel and wireless keyboard that can be used in the cockpit or at the instructor desk. Allows failure of aircraft systems including tail rotor failure, instruments and avionics. Select any meteorological weather condition including all precipitation, icing, etc.

Change clouds and wind direction and intensity at multiple elevations.

Local or global weather, changing on route.

Instructor Command Center has on screen control of G430W.

MOUNTED IN 18' TRAILER/CLASSROOM (PERMANENT INSTALLATION AVAILABLE)

Insulated side walls, floor, roof and doors.

RV style 5,000 BTU heat and 13,000 BTU air conditioning.

A turnkey package, plug and fly. 110 V or 220 V.

20 + YEAR LIFE EXPECTANCY Airframe and software can be constantly upgraded.

PLATINUM SIMULATORS FLIGHTIME ASSURANCE PROGRAM (no specific service training required).

FREE 2-3 day "train the trainer" program in Carlsbad California. Customer pays travel expense. Customer approves their simulator for shipping at this time.

PLATINUM SIMULATORS production cockpit specific simulators: Robinson R22, R44, R66, Schweizer 300, 333 turbine, AS350 B2, AS 350 B3, AS 355, Bell 206, Bell 407.

OPTIONS

"Advanced Flight Motion System" gives a sense of being suspended in the air.

Cave Environment 280°X100° field of view, pilot can look straight down at the ground (23' x 23' room required).

Dual Garmin 430', Garmin 530W.

CUSTOM COCKPIT SPECIFIC SIMULATORS AVAILABLE.

PLATINUM SIMULATORS founders have manufactured simulators that are in regular use in: USA (Alaska, Hawaii), Australia, Belgium, Brazil, Canada, CIS, Colombia, Dominican Republic, France, Ghana, Ireland, Mexico, Nigeria, Norway, Panama, Philippines, Poland, Russia, Saudi Arabia, South Africa, South Korea, Spain, United Arab Emirates, Venezuela.



















PLATINUM SIMULATORS RECURRENT TRAINING CHART

HIGH LEVEL STANDARDIZED RECURRENT TRAINING

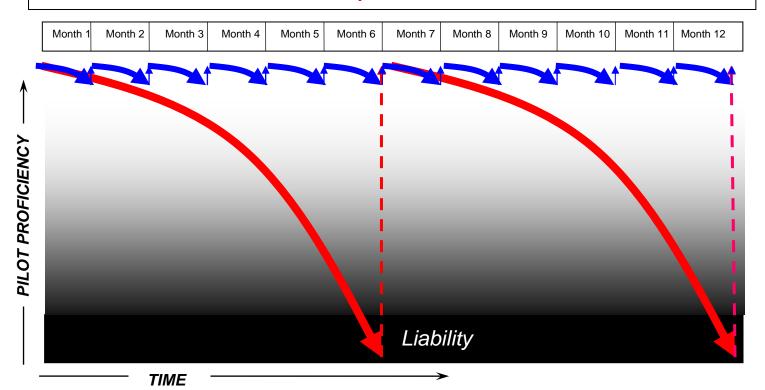


PLATINUM SIMULATORS Monthly Training

Typical, Old Six Month
Training Cycle

Platinum's Digital Simulator has set a high standard for High Level affordable training. Affordable means every pilot can train every month and maintain the highest possible level of proficiency for a fraction of the cost of the old 6 month programs.

HEMS operators around the world are using the following Recurrent Chart with the PLATINUM Professional Helicopter Simulator to Eliminate IIMC Accidents





FAULT LIST

Failures Accomplished from Menu

Instruments:

Attitude
Vertical speed
Airspeed
Altimeter
Turn coordinator
Heading indicator/DG

Systems:

Vacuum
Pitot heat
All electrical
All radios

Avionics:

Nav Com Xpd ADF HSI

Engine: Total failure

Robinson normal & abnormal start-up & shut-down procedures

Turbine normal or Hot Start

Programmable for specific or random failure times
Can also be failed real time from the
Instructor Command Center (ICC)
Or Fault Box

PLATINUM SIMULATORS fault box failures (not all failures apply to all flight models)

Aircraft systems:

Engine
Inlet Turbine Temperature
Oil Pressure
Oil Temperature
MGB Chip
TGB Chip
MGB Pressure
MGB Temperature
Tail Rotor Drive
Tail Rotor Control
Alternator Generator
Electrical
Pitot
Static
Clutch

Hydraulics

Low Fuel

Fuel Pressure

Engine Chip

Engine Fire



This page is intentionally blank

ADDITIONAL INFORMATION

FEATURES THAT MAKE PLATINUM SIMULATORS PROFESSIONAL HELICOPTER SIMULATORS STAND OUT AGAINST ALL OTHER SIMULATORS

THE MOST PROFITABLE TOOL AN AVIATION BUSINESS CAN OWN

If used full time (40 hours per week) the PLATINUM SIMULATORS Professional Helicopter Simulator (PHS) will earn \$175,000 net profit per year.

If used half time (20) hours per week) the PLATINUM SIMULATORS PHS will earn \$72,000 net profit per year.

The PHS will generate \$100,000 per year net profit with only 26 hours use per week.

Total cost breakeven is only 1 hour per day use.

2 students 1 hour 3 times per week pay's debt service + earn \$10,000 per year net profit (This is based on \$100.00 per hour use, 6 days per week, minus \$1.00 per hour PLATINUM SIMULATORS PHS operating cost).

INSTRUCTOR STATION

It simultaneously displays the following:

Out the Window Views Weather information

All instruments Vertical and horizontal flight profiles

Choice of several moving maps G430W can be tuned from the Instructor Station

Using the PLATINUM SIMULATORS hand held dedicated Fault Box the instructor can fail individual instruments & aircraft systems from the cockpit, at the instructor's desk or standing behind the cockpit without having to use a laptop computer or keyboard.

Flights can be recorded and replayed with an interior or exterior view of the aircraft for student/instructor analysis.

The instructor can build & save an unlimited number of flight training scenarios.

The PLATINUM SIMULATORS PHS training scenarios can be set-up & flown anywhere in the world to all of the 25,000 airports.

COCKPIT

Looks & feels like the real aircraft.

Cyclic stick shaker for realistic control feel, you can actually feel the Helicopter skids touchdown.

Pitch & roll trim is standard.

Five-speaker subwoofer sound system.

Pilot, co-pilot, instructor and observer intercom system is a standard feature.

Simulated Garmin 430W is included Garmin 530W is available, Simulated Bendix/King Gold Crown radio heads provide Com/Nav, XPD, ADF, Auto-Pilot optional.

PLATINUM SIMULATORS are constructed entirely of permanent materials that won't scratch or peel. Metal parts are powder coated. (Others use particle board and plywood painted sheet metal).

SIMULATION SOFTWARE

All IFR navigation instruments including RMI and GPS are standard.

The system is so reliable that it does not need a service contract.

Helicopters included are: R22, R44, Schweizer 300, Enstrom 280 FX, R66, MD 500, and Bell 206, Bell 407, AS 350 B2, Robinson and standard cyclic are included.

Technical support and service are provided direct from the factory in California.

A backup solid state hard drive with the operating system and simulation is included to insure maximum uptime performance.

The entire world's surface is accurately simulated and included.

A Jeppesen database of 25,000 worldwide airports & all Navaids is included.

Users can build their own scenery, buildings, landing pads, runway markings, etc. using third party software purchased by the user.

PLATINUM SIMULATORS Scenario Builder Service is available, your hanger/office/helipad, accident scene, oil rig, etc.

Artificial intelligence aircraft are available in the air & on the airport, included at your airport.

PLATINUM SIMULATORS can be networked together for formation flying through a LAN or through the internet. Formation flying can also be flown with artificial intelligence aircraft.

Offshore oil rigs, ships and other pinnacle platforms are included.

OUT THE WINDOW VIEW

The PLATINUM SIMULATORS Ground Reference out the Window Views shows the ground below the pilot's feet (essential for hover training, pinnacle approach and confined area training).

The Out the Window View uses a high resolution SXGA (1400 x 1050) LCD projection. A spare bulb for the projector is included.

OUT THE "SIDE WINDOW" VIEW

The out the "SIDE WINDOW" views enhances low altitude navigation, confined area operations, flying orbits, and makes hover & formation flying training possible.

THE SYSTEM

The entire simulator comes standard in a self-contained trailer/classroom, fully insulated, air conditioned and heated.

A single, state of the art computer is mounted in the cockpit.

The single Computer eliminates the usual problems of trying to keep multiple computers talking to each other. Most simulator manufacturers use multiple computers.

The simulator is a complete stand-alone cockpit and can be easily removed from trailer/classroom.

Avionics are designed and manufactured by PLATINUM SIMULATORS for reliability.

The total operating cost is less than \$1 per hour and earns 3 times more net profit than the real helicopter.

Overnight component replacement is standard procedure.

If your PHS has more than 6,000 hours of flight time that equates to \$594,000 net profit or more!!

Free customer training at the factory on your PHS prior to shipping is included. Customer authorizes their simulator for shipping at this time. (Customer pays travel expense.)

PLATINUM SIMULATORS Professional Helicopter Simulator Is the Most Profitable Training Tool an Aviation Business Can Own

THE BUSINESS CASE





IN THIS DOCUMENT:

MONEY IN YOUR POCKET

MAKE MONEY ANALYSIS

REDUCE ACCIDENT RISK

CALCULATE PROFIT

FLIGHT TIME ASSURANCE PROGRAM

SAFETY FIRST

MONEY IN YOUR POCKET

Make \$199,200 net profit per year with the PLATINUM SIMULATORS Professional Simulator





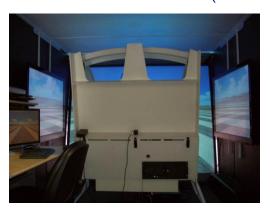




ONLY 6 hours per week to breakeven

All time over 1 hour per day 6 days / week (breakeven) is dollars in your pocket

Net annual profits can exceed \$205,920 USD based on 46 hours per week use (Calculated minus 6hr/wk. breakeven)







MAKE MONEY WITH A PLATINUM SIMULATORS SIMULATOR

Frequently Asked Questions

HOW DO I FIGURE OUT WHAT TO CHARGE STUDENTS FOR TRAINING IN THE PLATINUM SIMULATORS PROFESSIONAL HELICOPTER SIMULATOR (PHS)?

- The national average for PHS simulator training is \$100/hr. plus instructor.
- This includes both VFR and IFR training.
- Students are Internet savvy and "shop" flight schools to get the best deals. Any "price reduction."
 from real aircraft training is attractive to students; they want to SAVE money too!

HOW MUCH WILL THE PLATINUM SIMULATORS PHS COST ME TO OPERATE?

Based on an average of 26 hours per week:

Housekeeping and general maintenance

0.25 per hour

Equipment maintenance

0.25 per hour

1.00 per hour

1.00 per hour

WHAT CAN I EXPECT FOR <u>RETURN ON INVESTMENT</u> BY USING THE PLATINUM SIMULATORS PHS?

- Based on \$100/hr. student charge, and \$1.00/hr. direct operating expense = \$99.00/hr. net profit
- Assuming a monthly debt service of \$2,000/month (60-month business lease)

Training Hours

Net Annual Profit

Breakeven That's just 1 ho	6/hr. per week = ur per day	\$0 USD	
Net Profit	16/hr. per week = 26/hr. per week = 46/hr. per week =	\$51,480 USD \$102,960 USD \$205,920 USD	

MOST PROFITABLE TOOL AN AVIATION TRAINING BUSINESS CAN OWN



REDUCE ACCIDENT RISK

The national average for training time to the Private or Instrument ratings in the helicopter only; is approximately 70 hours*. Integrating the PLATINUM SIMULATORS Professional Helicopter Simulator into the training program is regularly producing excellent students in 35 to 40 hours in the helicopter; this is 40% to 70% less time than the national average.

*As published in FAA records for year 2000 statistics

IFR RATING RISK EXPOSURE

If 70 hours are trained in the helicopter, that equates to 70 hours of accident risk exposure. If 27 hours are trained in the PLATINUM SIMULATORS Professional Helicopter Simulator and 20 hours are trained in the helicopter (part 61), that means only 20 hours of accident risk exposure. (Assumes PLATINUM SIMULATORS students continue to ace check rides in minimum time required)

That is a potential 69% reduction in accident risk exposure.

PRIVATE PILOT RATING RISK EXPOSURE

If 70 hours are trained in the helicopter, that equates to 70 hours of accident risk exposure.

If 27 hours (or less) are trained in the PLATINUM SIMULATORS Professional Helicopter Simulator and 33 hours are trained in the helicopter (part 61), that means only 33 hours of accident risk exposure. (Assumes that PLATINUM SIMULATORS students continue to ace check rides in the minimum time required)

That is a potential 53% reduction in accident risk exposure.

The PLATINUM SIMULATORS allows flying of every procedure over and over again until it is perfect.

Frequently in the real aircraft students are trained to be just good enough, not always perfect.

INSURANCE COVERAGE FOR YOUR PLATINUM SIMULATORS PROFESSIONAL SIMULATOR

The simulator can be covered one of several ways

- 1. Under your existing blanket coverage for hangar and contents if kept in the hangar. Some policies will cover the simulator under contents.
- 2. As a simulator to remain on airport property and not taken on the road.
 - Approximately \$800 per year.
- 3. As a simulator to be regularly driven on the road for promotion, etc.
 - Approximately \$1,600 to \$1,800 per year
 - Contact PLATINUM SIMULATORS for insurance company referrals.

CALCULATE PROFIT

FACTS:

Breakeven is 1 chargeable hour per day (Covers debt service/payments)

Operating cost is \$1 per hour

Usual charge is \$100 to \$120 per hour, plus instructor

Net operating profit is \$99+ per hour (3 times the net profit made on real training helicopters)

Chargeable	Hours per Week	Net Profit per Year in USD
6		Breakeven over debt service/payments and overhead)
10	(This is just 2 students, 2.5 h	\$20,592 (calculated minus 6 hr. breakeven) nours, 2 times per week)
14	(Adding 4 more hours double	\$41,814 es your net profit)
18		\$61,776 8 hours per week will only earn approx. \$32,760)
22	:	\$82,368
30	;	\$123,552
35	:	\$149,292
40	;	\$175,032

FLIGHTIME ASSURANCE PROGRAM

1. 1 YEAR SERVICE CONTRACT

2. BACKUP SOFTWARE

Two removable hard drives with the operating system and the simulation software are supplied with every platinum simulators simulator. If for any reason the program becomes corrupt simply insert the back-up drive and continue training. A spare projector lamp is also included.

3. COMPONENT REPLACEMENT

All platinum simulators professional simulators components that will ever need service by platinum simulators can be easily removed and shipped overnight to platinum simulators. The parts will be immediately serviced or replaced and returned by priority delivery to the customer. No waiting for technicians who may not have the correct parts or know-how.

4. TECHNICAL SUPPORT IS AVAILABLE FROM 9:00 AM TO 5:00 PM pacific time.

99% of all technical support is handled in a matter of minutes over-the-phone.

5. SCHEDULED MAINTENANCE PROGRAM

WEEKLY

Simple cleaning of cockpit interior and trailer interior including instructor desk and monitors. Verify location of spare hard drive and spare projector lamp

MONTHLY

Clean computer air filter.

Clean projector air filter.

Clean projection screen.

Clean projection mirror.

Clean all control potentiometers (4).

Check potentiometer travel.

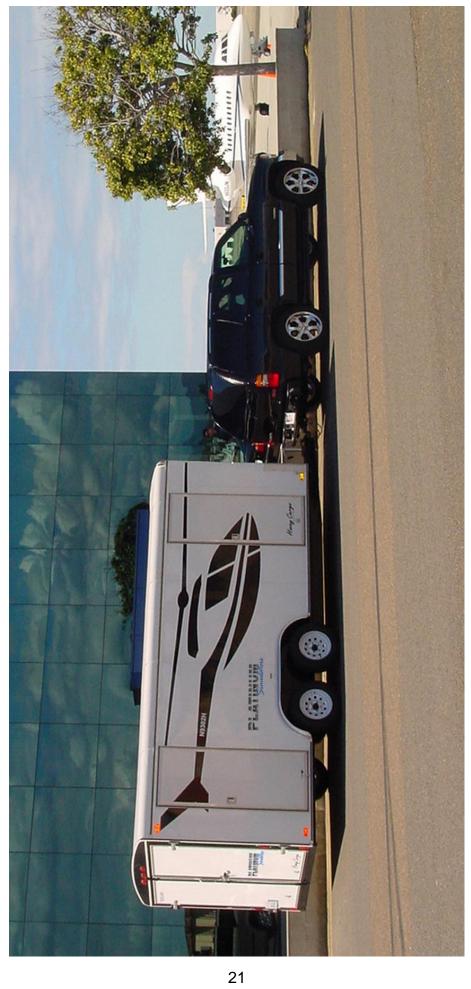
Defragment hard drive.

YEARLY

Repeat the weekly and monthly items

This 5-point platinum simulators "flightime assurance program" provides a solid ready to train simulator

IT REALLY IS THAT SIMPLE!



ARTICLES

PLATINUM SIMULATORS ADDRESSES SAFETY

SAFETY

The entire buzz these days is safety, as it should be, with IIMC accidents a constant high on the list. As we all should know, the learned ability to control the aircraft by reference to gages only is a rapidly perishable skill. Yet pilots are constantly inadvertently flying into IMC conditions and losing control of the aircraft. Most of the time, they are not aware that their skills have depreciated so rapidly. The established training routine is to send pilots to a large training center every six months or every year for recurrent training. This amounts to wishful thinking since those instrument skills begin to depreciate immediately unless that pilot regularly spends a minimum of five to 10 hours a month flying in the actual IFR environment. PLATINUM SIMULATORS has seen CFIIs that spend all their time doing instrument instruction for a year or more and had lost their ability to fly in IMC conditions because the student had been doing all the flying.

A WORKABLE SOLUTION

PLATINUM SIMULATORS has HEMS, Law Enforcement and Search and Rescue customers who use the PLATINUM SIMULATORS Simulator scenario based training to maintain "confirmable" instrument currency and IIMC capability for instrument and non-instrument rated pilots. This usually requires two hours in the PLATINUM SIMULATORS Simulator every month to maintain a very high level of skills. Cost of training in the real helicopter is usually the reason skills are not maintained to a usable level. A PLATINUM SIMULATORS Simulator costs \$1 per hour to operate. IIMC training scenarios representing the chain of events leading up to IIMC accidents can be set up and saved for monthly training. You can know exactly where your pilots' IIMC skills are every day. The PLATINUM SIMULATORS Simulator is also an excellent tool for evaluating effects of sleep deprivation, work fatigue and apprehension.

PLATINUM SIMULATORS HELICOPTERS

The PLATINUM SIMULATORS Professional Helicopter Simulator is FAA approved as a generic instrument trainer. The cockpit size and structure is dimensionally similar to the MD 500 Bell 206 and comes standard with flight models for the MD 500 Bell 206, Schweizer 300, Enstrom 280 FX, Robinson R 22 and R 44. Also available is an AS 350 B3 simulator, completely operational VEMD, for a large utility company. Other PLATINUM SIMULATORS cockpit specific simulators are Bell 206, MD 500, R 44 and R 22. All turbines have accurate turbine start and shut down. Hot starts and all other failures can be initiated by the instructor from the instructor's hand held fault box from in the cockpit, at the instructor's desk or standing behind the cockpit. A long line option with downward view is also available.

PLATINUM SIMULATORS FLYING QUALITIES

PLATINUM SIMULATORS proprietary high level flight models provide accurate flying qualities and then are programmed to match performance numbers in the aircraft POH for the aircraft. Tell us what aircraft is required and we will build an accurate performing simulator for it. No other flight data is required. Several subject matter pilots fly and fine tune each new simulator after completion. PLATINUM SIMULATORS control systems achieve a very high level or realism. Pilots have a real

flying experience in a PLATINUM SIMULATORS Simulator. Most PLATINUM SIMULATORS personnel are fixed and/or rotorcraft rated pilots and spend hours in our own simulators and have experience in other simulators, including Level D FFS.

PLATINUM SIMULATORS RELIABILITY

PLATINUM SIMULATORS represent a sophisticated COTS application supporting an extremely low service requirement. All serviceable components are overnight replaceable. PLATINUM SIMULATORS does send technicians to a customer's facility to bring older PLATINUM SIMULATORS up to current standards. Several PLATINUM SIMULATORS have over 6,000 hours of operation with no service requirement. PLATINUM SIMULATORS are in regular training at universities, military installations, law enforcement, HEMS and large and small flight training schools.

PLATINUM SIMULATORS, THE BEST TOOL YET TO TRAIN FOR IIMC

PLATINUM SIMULATORS received a call from a Sheriff's Aviation Unit stating that they had lost a crew to IIMC. The sheriff's instructions were, "Find a way to make sure I don't ever again have to tell families their loved ones have died in a helicopter crash."

They now have a PLATINUM SIMULATORS Professional Helicopter Simulator and every pilot is now able to maintain the skills required to fly by reference to gauges only. Their pilots who are instrument rated also maintain instrument currency in the PLATINUM SIMULATORS simulator.

Two young instrument instructors came to PLATINUM SIMULATORS to be trained in the use of their simulator before shipping. Both of these young instructors were accompanied by the more seasoned owners (both retired airline) of the flight schools who were able to fly instrument procedures in the simulator immediately. The flight instructors, both of whom had been doing steady instrument flight instruction in the helicopter for about a year could fly the helicopter simulator in VFR conditions but could not fly by reference to gauges only.

In both cases, after flying the simulator with the more seasoned instructors, it was observed that while the young instructors had been doing instrument instruction for a year, they had not actually flown the helicopter themselves, and their IMC skills had greatly depreciated. After about one hour in the PLATINUM SIMULATOR, their IMC skills were back online.

There is very little that is intuitive about flying by reference to gauges only. These are learned skills that depreciate rapidly with non-use. Many companies will send pilots for currency training once or twice a year which insures good skills when they return, but after six months, if they are not constantly using those IMC skills, their ability to fly by reference to gauges only, have probably depreciated to a dangerous level.

The PLATINUM SIMULATORS Helicopter and the PLATINUM SIMULATORS Airplane are affordable tools to ensure maintenance of high level skills to fly by reference to gauges only, by training in the simulator a couple hours every month. Now Inadvertent Flight into Instrument Meteorological Conditions is a survivable event. Cost of training in a PLATINUM SIMULATORS is less than \$1 per hour and no fuel is required.

PLATINUM SIMULATORS sees many pilots who are instrument rated and say they are IMC current. About one third of these pilots, when asked to fly the simulator by reference to gauges only have obviously lost those skills through lack of use. The critical point here is that most of them are not aware their skills have depreciated. With a PLATINUM SIMULATORS Professional Helicopter

Simulator or Professional Airplane Simulator there is no reason why every pilot, even those without an instrument rating, can't maintain the skills to fly by reference to gauges only, with full and partial panel. The PLATINUM Simulator is the perfect tool for a pilot to check their currency skills.

PLATINUM SIMULATORS are FAA approved for half the instrument rating requirement and the instrument currency requirement.

The old paradigm in the simulator industry was that simulators require constant maintenance and service to keep them running even 50% to 80% of the time. By producing a digital simulator with very few moving parts, PLATINUM SIMULATORS has accomplished nearly a 100% uptime record. 99% of all tech support calls are solved within 15 minutes over the phone. PLATINUM SIMULATORS has simulators in the field with 6,000 hours of training time that have had no maintenance or service requirement except to replace the 2,000-hour life bulb in the out-the-window view projector.

In addition to IIMC skills, PLATINUM SIMULATORS are being used for other emergencies: loss of tail rotor control, autorotation, avionics failure, individual gauge failure, plugged static system, alternator failure and transmission and chip lights can be turned on. Autorotation can be flown to power recovery, run on landing and full down landing. Loss of tail rotor control can be practiced until a successful emergency landing is accomplished. The PLATINUM SIMULATORS simulator is also a great tool to practice pinnacle landings and slope landings. Some of these procedures cannot be safely practiced in the real aircraft. Scud running conditions can also be simulated.

The standard PLATINUM SIMULATORS can be flown as the R 22, R 44, R 66, Schweizer 300, Enstrom 280 FX, Enstrom 480 F, MD 500, Bell 206 and OH 58. PLATINUM SIMULATORS also produces AS 350 B2, AS 350 B3 and AS-355 simulators. All of these simulators are perhaps the tool yet to train for Inadvertent Flight in to Instrument Meteorological Conditions.

Once the PLATINUM SIMULATORS has been acquired, the cost of training is never again a reason to have pilots flying missions without proper IIMC capabilities. Train in the PLATINUM SIMULATORS regularly, check IIMC skills and retrain those skills on an ongoing basis.

Now, the director of training and safety can take a proactive role in training, checking, measuring

PLATINUM SIMULATORS PROFESSIONAL SIMULATORS ADVANCING SIMULATION MUCH HIGHER LEVELS:

REALISM

PLATINUM SIMULATORS Professional Airplane and Helicopter Simulators flight models match performance numbers in each aircraft Pilots Operating Handbook (POH). Included in every Airplane Simulator are flight models for: Cessna 172, 182 RG, Piper Warrior, Piper Archer II, Piper Seminole and Beech 58 Baron. Complete with copilot gauges and GNS 430 W. The PLATINUM SIMULATORS Helicopter Simulator includes flight models for R 22, R 44, Schweizer 300, Enstrom, MD 500, Bell 206 and AS 350 B2. You can fly them all in each PLATINUM SIMULATORS. The whole world, 24,000 airports, training and rescue scenarios and much more. Go to www.platinumsimulators.com.

FAA AUTHORIZATION

PLATINUM SIMULATORS have been authorized by the FAA as an AATD. All will be "Powered by Lockheed Martin Prepar3D". PLATINUM SIMULATORS has chosen Prepar3D because we feel is hands down the most powerful and flexible simulation software available to us.

PLATINUM SIMULATORS SUPER COMPUTER

This powerful computer gives PLATINUM SIMULATORS the ability to provide much extreme density and accurate scenery with much higher frame rates PLATINUM SIMULATORS can now achieve smooth running with very high scenery density. Fly from San Diego to New York and see every town, lake and airport and tune in every nav aid along the way. The PLATINUM SIMULATORS 210° view lets you dead recon all the way or you can fly IFR all the way from LA to New York. All ground reference maneuvers can be introduced in the PAS and PHS then perfected in the real aircraft. You can fly up to 20 ILS or LPV approaches in one hour. The GNS 430W is included.

RELIABILITY MADE IN USA

The PLATINUM SIMULATORS PAS and PHS include a one-year warranty and support contract. PLATINUM SIMULATORS have overnight parts replacement. PLATINUM SIMULATORS Professional Simulators are completely assembled and tested before shipping, Plug and Fly. When your PLATINUM SIMULATORS Simulator is ready to ship you receive a free 3-day train the trainer program at the PLATINUM SIMULATORS factory. PLATINUM SIMULATORS use a single Super PC resulting in much greater reliability than those simulators requiring multiple computers.

REVENUE

The PLATINUM SIMULATORS is the most profitable business tool a flight training business can own. 1.5 hours per day of chargeable time will guarantee that you will never have negative cash flow associated with your PLATINUM SIMULATOR. In fact, if you use your PLATINUM SIMULATORS Professional Simulator 20 chargeable hours per week it will put over \$100,000 per year in your pocket. Fuel savings per student trained PPL thru IPL is \$4,500.

STUDENTS PAY LESS AND THE TRAINING SCHOOL EARNS MORE A LOT MORE.

PLATINUM SIMULATORS: MADE IN USA



CONTACT INFORMATION

PLATINUM SIMULATORS INC.

1945 Camino Vida Roble Ste L Carlsbad, CA 92008 USA +1-760-683-8922

sales@platinumsimulators.com www.platinumsimulators.com

SAFETY FIRST



SERVICE

Remote Support

Per incident* \$500 USD
Per month* \$1,000 USD
Per year* \$10,000 USD

*Per unit

On site service per day per person \$1,000 USD

Minimum three days charge per person plus business travel and hotel.

HDD/SSD restore service*

Returned HDD/SSD \$250 USD

Test and restore the image on the returned HDD/SSD (can be the original one or new blank one)

Replacement HDD \$375 USD

Restore the image on a new or refurbished HDD

Replacement SSD \$500 USD

Restore the image on a new SSD with adapter

HDD/SSD copier \$150 USD

Allows you to restore image from your own back-up HDD/SSD

Shipping and handling not included.

* Due to the unexpected shutdown of FLYIT Simulators, Platinum Simulators may not have a HDD/SSD image for your unit.



UPGRADE EQUIPMENT

Computer Tune-Up*

\$ 2.000 USD

Test and replace faulty hardware, add upgrades within the existing software version, and test the computer under full load for 24 - 36 hours.

Computer Software Upgrade*

\$ 6.000 USD

Test and replace faulty hardware, update drivers, **install current version of software (PHS-5)**, and test the computer under full load for 24 – 36 hours. Existing system must have the Intel processor and NVidia 970 graphics.

Computer and Software Upgrade*

\$ 11.500 USD

Install new motherboard, CPU, cooler, memory, video card, SSDs, and current version of software inside the existing computer case. (PHS-5)

Computer System

\$ 14.500 USD

New computer system with current version of software. (PHS-5)

Simulator Tune-Up*

\$ 2.000 USD

Test and tune-up all components of the simulator and confirm that the simulator meets the FAA LOA requirements. Requires one of the above.

Garmin GNS430 or GNS530 Kit	\$ 4,500 USD
Garmin GTN650 or GTN750 Kit	\$ 4,700 USD
AG-NAV Install and software integration	\$ 5,000 USD
PHS or PAS Side Screen Kit (Classroom)	\$ 16,000 USD
PHS Side Screen Kit (Trailer Mounted)	\$ 20,000 USD
PAS Three Screen Kit	\$ 20,000 USD
PHS Motion Kit	\$ 20,000 USD
B206 Overhead Panel	\$ 1,000 USD
Collective Assembly with B206 switch box	\$ 2,500 USD
Projector	\$ 1,600 USD
Radio Stack and Rewire Upgrade*	\$ 36,000 USD

Rewire cockpit with new switch panel with Gold Crown radios, new collective assembly, new B206 overhead panel, new fault box. Requires one of the Computer upgrades above.

Airport Database Update

\$ 400 USD

Update Navigation frequencies, Runway heading, position, and length per location.

Airport Photo Scenery

\$ 1,000 USD

Update Airport Database, add generic airport buildings in correct location, and one-mile radius photo scenery per location.

Prices listed are subject to change at any time.

1/16/2021

Prices listed are subject to change at any time.

1/16/2021

^{*} Cost of replacement parts, repairs and shipping are extra.