

cc: G. K. Hamner  
S. H. Alvis  
V. G. De Roux  
J. J. Phillips  
J. E. Strong  
G. L. Smith  
J. Hammond  
File: 361-VII-5

Ilion, N. Y.  
May 29, 1946

TO: R. W. HUMPHREY  
FROM: J. A. ROBERTS  
SUBJECT: EQUIPMENT ON F2I-5 - MODEL 721-722 PILOT LINE

A meeting on the above subject took place on May 28, 1946, attended by G. K. Hamner, V. G. De Roux, S. H. Alvis, J. Hammond, J. E. Strong, G. L. Smith, J. J. Phillips and the writer to determine what equipment would be retained by Technical for future Pilot Line operations. All the Work Orders on F2I-5 were reviewed and it was established that the Equipment on the following Work Orders would be retained by Technical.

80706 (70047) Pur. one Model V-36 De-All Contour Machine & Accessories.  
80708 (70049) Pur. one DV-59 Hardinge High Speed Precision Lathe and Accessories.  
80709 (70050) Pur. one Monarch Tool Makers Lathe & Accessories.  
80711 (70052) Pur. one Model G-1 De-All Surface Grinder & Accessories.  
80713 (70054) Pur. one Warner & Swasey #2 Turret Lathe & Accessories.  
80715 (70056) Pur. one Cincinnati Monomet Grinder  
80718 (70059) Pur. one John Barnes Barrel Drilling Machine.  
80721 (70078) Pur. one #2 Cincinnati Universal Hi-Speed Milling Machine, Inventory # US-2601 complete, & one 1 HP general purpose frame motor and magnetic starter.  
80722 (70079) Pur. one 8 x 30" Pratt & Whitney deep hole reaming machine with Reg. Equipment and arranged for motor drive with motors & electrical equip for 440 Volt 3-phase 60-Cycle, Inv. # US-2972 (Four motors US-2973A, US-2973B, US-2973C, US-2973D.)

For:

R. V. HUBBIS

(2)

MAY 29, 1946

80724 (70084) Pur. one #2 Universal Cutter & Tool grinder including complete electrical equipment & all standard equipment as listed on pages 3, 4, & 5 of booklet H-1029-1.

80725 (70085) Pur. one #1-6 Sellers Drill Grinder & Parts.

80730 (70089) Pur. one Hager Carbide Fore Grinder & Accessories.

80731 (70100) Pur. one #13-12-01-04 Contour Measuring Projector & Accessories. (Cancelled)

80732 (70101) Pur. one Warner & Swasey #10 Precision Tapping and Threading Machine.

80739 (70122) Pur. 1 Aerial Photo-5-Dip tank (in accordance with Surplus War Property Adm. Regulation 3)

80740 (70133) Pur. 1 A-7016 30" Jones & Lamson Federal Computer & Measuring Machine with 18" long table with 4" internal travel, equipped with one 1" micrometer graduated in .0001" & accessories.

80742 (70153) Pur. one pair T-06 Gauging Rolls

80743 (70153) Pur. one Seller's Steel Cabinet, Diamond Dresser, and Gauge for setting.

80746 (70074) Pur. one Landis 6" x 30" Type OH Plain Surf. Grinding Machine & Accessories.

80752 (70164) Engineering Work on Pilot Shop - Salaries & Overhead.

81500 Pur. one Model EE 10" x 20" Research Toolmakers Lathe complete with Motors & controls for operation on 440V - 60 Cycle - 3 Phase, & complete with all regular equipment, US-1905, also accessories - To be purchased at 50.25% of cost in accordance with Clayton Formula.

81501 Pur. 2 Model 200-3-I Indicating Micrometers.

81502 Pur. 3 Mazda Electric Light bulbs for 1 & 2 Computer.

81509 Pur. 1 #10 Type B. Rotations complete  
1 3 HP 1200 RPM Motor  
1 3 HP V. Belt Drive  
1 3 HP Magnetic Starter

81513 Pur. one floor type tool cabinet for 10" Model EE Research Lathe.

100-443617-1

81514 Pur. Bench Grinder & #5 Duro Precision Grinder  
& Accessories.

81515 Pur. 2 Lyons Steel Cabinets  
1 Hardox Metal Cabinet

81524 1 Garland Bushido Miller Catalog No. 5  
1 #10B-430 Pneumatic Turbine Grinder  
1 Model 7 HMG Precision Pressure Lock Wrench  
1 Model 9 HMG Precision Pressure Lock Wrench  
1 480z. Ball Pein Machinists Hammer Cat. #70  
1 160z. Ball Pein Machinists Hammer Cat. #74  
Williams Vulcan Drop Forged "C" Clamps, heavy  
duty and etc.  
1 each - Catalog #1, 1 1/4" Capacity  
          #2, 2 1/4"         "  
          #4, 4 1/2"         "  
          #8, 8 1/2"         "

81526 1 #61 Williams Vulcan Drop Forge Lath Dog  
1 #62         "         "         "         "

81527 1 AC-2435 One Reflector Attachment  
1 AC-2457 One Square screen adaptor for 30"  
Projector  
1 One Telecentric light stop for increased  
depth focus for a 10 power lens.

81530 Norton Grinding Wheels;  
1 #27A001-17VW-20 x 6 x 12  
1 #27A001-17VW-20 x 6 x 12  
Norton Feed Wheel  
1 #0-R08 12 x 6 x 5 Rev. 2/5 7/8 x 1 1/2  
1 No-All Mobile Inspection Unit  
1 Model A 10" Dia. by 10" Boreoscope complete  
in case with extra lamp, cord and manual  
1 No. 49L lamp for above.  
1 H-29 Welding outfit for light welding includ-  
ing the following: H-29 Blowpipe, H-64 and  
H-66 Regulators, Raynold Bend Numbers 2, 4, 6,  
8, 12, 15, 20 and 30, tubing, wrenches, spark  
lighter and glasses.

TO:

E. W. HUGHES

(4)

MAX 27, 1940

81541

1 Toolmakers Vice for #2 Universal Dial Type  
Milling Machine Serial #2011-39

1 6" Dividing Head Chuck for 2" 87 Thread

1 Shell End Mill Arbor 50-1/4-3/8

1 Shell End Mill Arbor 50-30-7/8

81551

6 2-1/2" Magnifying glasses for general use  
Cat. #10477

81552

1 Set of 5 Inside adjustable gages from .500 to  
1.000 graduated in .100"

1 Inside adjustable gages .375" to .500"

1 Inside adjustable gages 1.000" to 1.250"

1 Inside adjustable gages 1.250" to 1.500"

81554

4 #927 Hollowell wood top work benches or  
equivalent 30" high, 24" wide, 8' long with  
1-1/4" planking and extra heavy legs.

81555

1 #1728 Starrett Pillar or Radius Gauge

1 #1724 Starrett Thickness Gauge

2 #185 Starrett Top and Drill Gauge

1 #475 Starrett Stop Screw Pitch Gauge

1 #615 Allen Key Island

81556

1 Knapp pre-electric power feeder for 110 volt  
60 cycle current for use on 12" Delta Drill  
Press per attached proposal.

81560

Steel Shaving 10" x 24" x 3/4"

1 100 - 362478 Basic Section

1 100 - 362478 Additional Section

1 100 - 361278 Basic Section

1 100 - 361278 Additional Section

81561

1 Buck H with inserts #1250 & 6294 Sketch #1090

1 Buck P with insert #1251 - Sketch #1090

1 Buck G with inserts #1253 & 6293 Sketch #1091

1 Buck R with insert #6292 - Sketch #1091

1 #1724 Milling Cutter Insert complete with back  
panel and two doors.

81568

4 Lyons or equivalent tool tapers.

81570

Re-all Production Checking Instruments

4 Round Caliper Jaws .050 x 1-7/8"

At this meeting it was also requested that J. J. Phillips make a clarification regarding tools and a review of the tooling for this model would be made to determine what was chargeable to Plant, Technical and R & E, at a meeting in the near future.

Work Orders 80720 (70077) and 80721 (70080) were marked as cancelled; also 80731 listed above.

TO:

A. W. HUGHES

(5)

MAY 29, 1946

81572

2 Con Lock Chuck Adapter Plates for use with 10" Monarch Lathes Special #20-14716 - one each for #363 three jaw union chuck and #518 four jaw union chuck.

81573

1 Stand for holding set of fractional sized drills graduated from 1/16" to 1/2" by 6ths.

81574

Fabricate & install unit for welding reamers and drills on shanks. This unit to consist of a housing for oxygen and acetylene tanks, and a metal covered work table identical with similar unit located in the Barrel Shop 30-2 South, with the exception that the housing should be 6" higher overall to allow for greater ease in installing and removing tanks.

81580

1 AC-2430 Once Vice Stage

1 AC-3211 one flat work stage with swivel base graduated in degrees to 90°.

81583

For use with J & L 30" Pedestal Comparator.  
4 110-Volt Bulbs for use with reflection attachment on Jones & Lamson 30" Pedestal Comparator.

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Work Orders 80720 (70077) and 80723 (70080) were marked as cancelled; also 80731 listed above.

C. A. ROBERTS

81572