

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 F21-5 - 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 F21-5 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-190, also accessories - To be purchased at 50.2% 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.

REMARKS:



1946

For: Bench Grinder & #1 Bench Precision Grinder
& Accessories.

Page 2 of 2

1. THE STATE OF TEXAS

2. General Purpose or Military Catalog No. 3

10-10-68

I HAVE YOUNG PEOPLE FOR THE LOST WOODS

10-10-68

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-27-2009 BY 60322 UCBAW

Williams Valcan Drop Forged "B" Blasts, heavy duty and etc.

1 000 - 000000 1 1 1/4 000000

100

100-443887-100

100-443887-100

1 051 1111000 101000 101000 101000 101000 101000

100

THE UNIVERSITY OF CHICAGO

1 40-2457 One Square screen adapter for 30" Projector

1. One telescopic light stop for increased depth focus for a 10 power lens.

SECRET

SECRET

27-0000-100-10

100-443887-1

THE FUTURE

1. Background

1 Model A 25" Dia. by 16" Bore scope complete
in case with extra lamp, cord and manual

THE UNIVERSITY OF CHICAGO

1. W-29 Welding outfit for light welding including the following: W-29 Blowpipe, R-64 and R-66 regulators, Raynold Reed Numbers 2, 4, 6, 8, 12, 15, 20 and 30, tubing, wrenches, spark lighter and glasses.

TGI

E. W. HUGHES

(4)

MAY 27, 1949

81541

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

1 6" Dividing Head Chuck for 2" 8x Thread

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

1 Shell End Mill Arbor 50-3/8-7/8

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 16" 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 Back E with inserts #1250 & 6294 Sketch #1090

1 Back F with insert #1251 - Sketch #1090

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

1 Back H with insert #6292 - Sketch #1091

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

81566

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 Cam 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 holding reservoirs 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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J. A. ROBERTS

JAN:JMI