

SECRET
(When Filled In)

SPEED LETTER	REPLY REQUESTED	DATE
	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	23 September 70
		LETTER NO.

TO : TSG / SC & PS

ATTN:

FROM: TSG / RED

Subject: Delivery of acceptable prototype 1540 light table.

Contractual delivery date - 23 Feb 70
(23 Feb a holiday, therefore 24 Feb becomes delivery date)

Table delivered to building, unassembled - 9 Mar 70, 9 working days late.

10-11 Mar 70, assembly
12 Mar 70, T+E started

Prototype table was an acceptable table on

REPLY	SIGNATURE

11 Mar 70 - 11 working days late.

Penalty, at \$100 per day = \$1100

Payment to

Declass Review by NGA/DoD

ORIGINATOR'S SUSPENSE

FORM 8-61 1831

SECRET

INSTALLATION ENGINEERING DATA

Date form completed _____

(See Remarks at end of form)

Tentative Valid until _____

Final data

I. INSTRUMENT

- A. Name of instrument: _____
- B. Manufacturer: _____
- C. Contract number: _____
- D. Delivery date: Tentative: _____ Final: _____

II. PHYSICAL FEATURES

- A. Sub-assemblies:
 - 1. Number of sub-assemblies: _____
 - 2. Largest sub-assembly: Weight _____ lbs; _____" H x _____" W x _____" D
 - 3. Heaviest sub-assembly: Weight _____ lbs; _____" H x _____" W x _____" D
- B. Assembled instrument:
 - 1. Number of major components: _____
 - 2. Largest component: Weight _____ lbs; _____" H x _____" W x _____" D
 - 3. Heaviest component: Weight _____ lbs; _____" H x _____" W x _____" D
 - 4. Total floor space required after assembly, including maintenance access space. _____ Ft. _____ In. High x _____ Ft. _____ In. Wide x _____ Ft. _____ In. Deep.
 - 5. Total weight of assembled instrument: _____ lbs.
- C. Type of base of mount: Flat _____; 3-point suspension _____; 4-point suspension _____
- D. Does the instrument have built-in mobility? Yes _____ No _____
- E. Is the instrument particularly sensitive to vibration? Yes _____ No _____
Will the instrument generate vibration? Yes _____ No _____
- F. Are any special or unusual tools or fixtures necessary or advisable for the installation of the maintenance of this instrument? Yes _____ No _____.
If "Yes," please describe: _____

III. UTILITIES

- A. Electrical:
 - 1. Voltage _____ Volts ^{AC} / _____ Volts _____ Volts ^{DC} / _____
 - 2. Current *1-18 Amp *2-13 Amps/phase _____ Amps
 - 3. Frequency 60 cps
 - 4. Nr. of phases 1 Ph
 - 5. Nr. of wires 3
 - 6. Power required *1-2.2 kW Watts *2-1.6 kW Watts
 - 7. Power factor _____ (Leading) (Lagging)
 - 8. Type of outlet: Two prong _____; three prong 1; Twist lock 2; Perm. _____
 - 9. Type of ground: Building conduit X; Direct earth ground _____.
 - 10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment? Yes _____ No X
If "Yes," to what extent? _____

*Note *1 - Stand Mounted
2 - Free Standing

B. Air conditioning:

1. Desired environment: Room air temperature of ___ °F / ___ °F and relative humidity of ___% / ___%.
2. Input Air: Is a direct connection necessary? Yes ___ No ___; Adviseable? Yes ___ No ___; If "Yes," what is the connector type and size? _____ Recommended input air temperature ___ °F / ___ °F. Relative humidity ___% / ___%. If input air must be filtered, what is the maximum particle size in microns? ___ What particle count? _____/ cu. ft.
3. Output Air: Is a direct connection to the return air duct necessary? Yes ___ No ___. Adviseable? Yes ___ No ___. Connector type and size? _____. Output air temperature ___ °F / ___ °F. Relative humidity ___% / ___%. Output heat ___ BTU/Hr. Flow of ___ CFM. Is output air toxic? Yes ___ No ___; Noxious? Yes ___ No ___.

C. Plumbing:

1. Is water required? Yes ___ No ___; Pressure ___ PSIG, flow ___ GPM.
2. Type of water required:
 Tap ___ °F / ___ °F Deionized ___ °F / ___ °F
 Tempered ___ °F / ___ °F Filtered ___ °F / ___ °F
 If filtered, give maximum permissible particle size in microns and the maximum permissible count. ___ microns ___ particles/cu. ft.
3. Pipe required:
 Galvanized ___ Copper ___ Size ___
 Stainless Steel ___ Plastic ___ Type of connector ___
4. Floor drain:
 Diameter of drain ___ Galvanized drain? ___
 Plastic drain? ___ Glass drain? ___
5. Are any chemical solutions used in the device? Yes ___ No ___. If "Yes," state the nature of the solution(s), permissible temperature range, flow rate in appropriate units and the filtration necessary for each solution _____.
6. Size of pipes and connectors _____.

D. Compressed air:

Is compressed air required? Yes ___ No ___. Water free? ___ Oil Free? ___
 Type and size of connector? _____. Pressure ___ PSIG. Flow in CFM
 Maximum ___, minimum ___, average _____.

E. Vacuum:

Is vacuum required? Yes ___ No ___. Pressure ___ PSIA or (inches of water) (millimeters of mercury). Displacement in CFM, maximum ___, minimum ___, average _____. Type and Size of connectors _____.

F. Peripheral Devices:

Will the instrument be connected to any peripheral devices such as a computer or data input or data output device? Yes ___ No ___. If "Yes," give, in detail, the nature of the connection to the peripheral device such as coaxial cable, multiple wire connector, etc.

IV. REMARKS

- A. Use additional sheets if more space is required for environmental conditions or utilities not mentioned above.
- B. Submit three typed copies of the completed form to the Technical Representative.

- C. Attach three copies of a dimensioned outline drawing of each major component and of the completed assembly. Include the estimated weight of each major component and of the completed assembly. Indicate, on the outline drawing of the completed assembly, the space required for access to the instrument for maintenance.
- D. If a question does not apply to the instrument, insert "N/A" (Not Applicable) in the appropriate blank space.

Information provided by:

(Signature)

(Position or job title)

Contract file
This date is
all a matter of record in your
Contract file.

56038

R

Production

15 wks lead time

1st unit - 15th week

4 more - 16th "

25th unit - 20th "

Then 40/mo. to completion

11 tubes @ \$5-12, ea. side
\$240/250 shipping costs

Production

start delivery at 4 mos.

10 machines during 5th mo.

7/wk. to completion

Production at McLean - 7/wk

Extra space in Reston - 12/wk

25X1

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