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ATTACHMENT # 1

ACCURACY DETERMINATION

I Selection of Plotter Speeds

It is possible to drive this plotter at 4 different speeds listed below:

Full Speed	16-2/3 in/sec
3/4 Speed	13-1/2 in/sec
1/2 Speed	8-1/3 in/sec
1/4 Speed	6-3/4 in/sec

STATOTHR

The [redacted] people suggest that once set these speeds should not change within each computer program. For this reason it will be necessary to modify the existing plotter program handler to accept the speed as an input parameter.

STATOTHR

To enable the programmer to determine which is the optimum speed, a program overide switch is available on the [redacted] Console. The programmer may use this switch to run the program at the 4 speeds. With the overide switch the lower speed between it and the computer prevails.

After the debugging stages the overide switch should be set to full speed. A lower speed may be obtained through the computer program.

II Slowdown Capability

Whenever changing directions it is advisable to program an automatic slowdown. This can be done in the generalized plotter handler.

III Accuracy of Move

The length of the chord between two pairs of coordinates is a factor of accuracy. The longer the move the less the accuracy. The shorter moves are more accurate but will increase the time to do a plot. The maximum move with one plotter Command is 5.112 inches.

Declass Review, NIMA/DoD

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ATTACHMENT #2

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