Aircraft Type: $\qquad$ Aircraft No: $\qquad$ Compass System: $\qquad$ Sheet No: $\qquad$ 11 Ship/Station/Unit: $\qquad$ Work Order SNOW/Date: $\qquad$ Tradesperson: $\qquad$


$\qquad$

| Switch Positions |  |
| :---: | :---: |
|  | Section E. Determine Aircraft |
|  | Plumb Bob Separation along Aircraft <br> Displacement of Nose Plumb Bob from N-S Line <br> Displacement of Tail Plumb Bob from N-S Line <br> Plumb Bob Total Displacement $=2 E-3 E$ <br> Aircraft Alignment with N-S Line from Nomograph <br> Optical Alignment Correction $=5 E+4 A-1 B+(2 B-5 A)+(T o e-i n)$ <br> (Not Used for indexed Flux Valve) |



Section F Continued Over

| Switch Positions |  |  |  |  |  |  |  |  |  | Remarks |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| E1-E2 Check to Off |  |  |  | Sec | F | Continued |  |  |  |  |
| MISAL to 2F |  |  | x | One |  | Error Compensation |  |  |  |  |
| Mode Selector - as |  | e F1 |  |  |  | Index $=\Sigma+\sum+\sum+\sum$ |  |  | 9 F |  |
| Readout Selector - as | Heading Selector |  | $m \mathrm{R}$ | out |  | $\frac{\Sigma_{0}+\Sigma_{90}+\sum_{180}+\Sigma_{20}}{4}$ |  |  |  |  |
| required | Heading Selector | 1 | 2 | 3 | 4 |  |  |  |  |  |
|  | 0 |  |  |  |  | North-South Error $=\underline{\Sigma_{0}-\Sigma_{180}}$ |  |  |  |  |
|  | 90 |  |  |  |  | 2 |  |  |  |  |
|  | 180 |  |  |  |  | East-West Error $=\Sigma_{90}-\Sigma_{270}$ |  |  |  |  |
|  | 270 |  |  |  |  | 2 |  |  |  |  |
|  |  |  |  | tem | ro | Compensation |  |  |  |  |
|  |  |  |  |  |  | e F2 |  |  |  |  |
|  |  | Syste | ead | Error |  |  | Syste | ead | Error |  |
|  | Heading Selector | 1 | 2 | 3 |  | Heading Selector | 1 | 2 | 3 |  |
|  | 0 |  |  |  |  | 180 |  |  |  |  |
|  | 15 |  |  |  |  | 195 |  |  |  |  |
|  | 30 |  |  |  |  | 210 |  |  |  |  |
|  | 45 |  |  |  |  | 225 |  |  |  |  |
|  | 60 |  |  |  |  | 240 |  |  |  |  |
|  | 75 |  |  |  |  | 255 |  |  |  |  |
|  | 90 |  |  |  |  | 270 |  |  |  |  |
|  | 105 |  |  |  |  | 285 |  |  |  |  |
|  | 120 |  |  |  |  | 300 |  |  |  |  |
|  | 135 |  |  |  |  | 315 |  |  |  |  |
|  | 150 |  |  |  |  | 330 |  |  |  |  |
|  | 165 |  |  |  |  | 345 |  |  |  |  |
| Power On-Off to Off at completion of Section F | Transmission Error$\begin{array}{ll} \mathrm{D}=1 / 4\left(\sum_{45}-\sum_{135}+\sum_{225}-\sum_{315}\right) \quad \text { Magnitude }=\sqrt{ } \mathrm{D}^{2}+\mathrm{E}^{2} \quad \text { Direction }=1 / 2 \arctan \mathrm{D} / \mathrm{E} \\ \mathrm{E}=1 / 4\left(\Sigma_{0}-\sum_{90}+\sum_{180}-\Sigma_{270}\right) & \end{array}$ |  |  |  |  |  |  |  |  |  |

