

Sawyer Creek

16 Aug 59

Gyro Frequency = 2800 Hcs Kilocycles.

$$H = \frac{520}{2800} = .186 \text{ CGS units}$$

.189 at Lat -50° 03' S 3050 Km.

.155 at Lat -49° 08' S 3653 Km

.034 603 Km

$$\frac{.003}{.034} \times 603 = 53 \text{ Km}$$

3050 + 53 = 3103 Km for 520 KC gyro level

$$H = \frac{145}{2800} = .0518 \text{ CGS magnetic units}$$

.0577 at Lat -43° 49' S 7220

.0502 at Lat -42° 51' S 7805

.0075 585 Km

$$\frac{.0016}{.0075} \times 585 = 125 \text{ Km}$$

7805 - 125 = 7680 Km for 145 KC gyro level

$$H = \frac{50}{2800} = .0179 \text{ CGS units}$$

.0180 at Lat -35° 04' S 12918

.0164 at Lat -34° 12' S 13467

.0016 549 Km

$$\frac{.0001}{.0016} \times 549 = 34 \text{ Km}$$

12918 + 34 = 12952 Km for 50 KC gyro level.