

1. DATE AND TIME **AUG. 28. 1967**
2. LOCATION OR PATH (attach map) **① TOUCHDOWNS FROM 290° 06967-08 AT DANFIELD AND ② KIPPEN 06976-09**
3. PATH LENGTH ☐ NOT KNOWN ☐ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF >50mi
4. PATH WIDTH 5. TORNADO PART OF DOLL LINE? ☐ YES; ☐ NO; ☐ UNKNOWN:
6. ANY UNUSUAL COLORATION? ☐ YES; ☐ NO; ☐ UNKNOWN
7. ANY UNUSUAL SOUND? ☐ YES; ☐ NO; ☐ UNKNOWN
8. IF ANSWER TO 6 OR 7 YES, ELABORATE;
9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.) **GOLF BALL SIZED HAIL AT KIPPEN VARY HEAVY RAIN**
10. TOTAL DAMAGE ESTIMATE \$ **UNKNOWN** 11. TOTAL DEATHS **NONE**
12. TOTAL INJURED **NONE** 13. TOTAL HOMELESS **NONE**
14. LIST ALL REFERENCES **LONDON FREE PRESS, AUG 3 1967**
15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.
- (a) NO REMARKS, BUT CALLED A LOCALIZED 'TWISTER' IN THE ACCOUNT
- (b) BARN WRECKED AND CARRIED 100 YARDS. 2 TON WAGON CARRIED OVER THE BARN AND ROUNDED IN THE MUD. TREES DOWN.

WORKSHEET

IDTO 0696708

l 500
w 200

① ORIGIN x 17.476100
 y 4778500

⑤ Standard Error S_x
R 91

② LIFT-OFF x_1 17481200
 y_1 4777350

⑥ Standard Error S_y
R 91

③ $(x_1 - x) = 5100$

④ $(y - y_1) = 1150$

⑦ DAMAGE LENGTH

$$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$$

⑧ $\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$

③ + ④ $\rightarrow r, \theta = 5228$

$x \leftrightarrow y = 13^\circ$

⑨ Standard Error $S_L = (S_x^2 + S_y^2)^{1/2}$

⑤ + ⑥ $\rightarrow r, \theta = 129 R$

⑩ $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨ $\rightarrow r, \theta$
 $x \leftrightarrow y = 1^\circ$

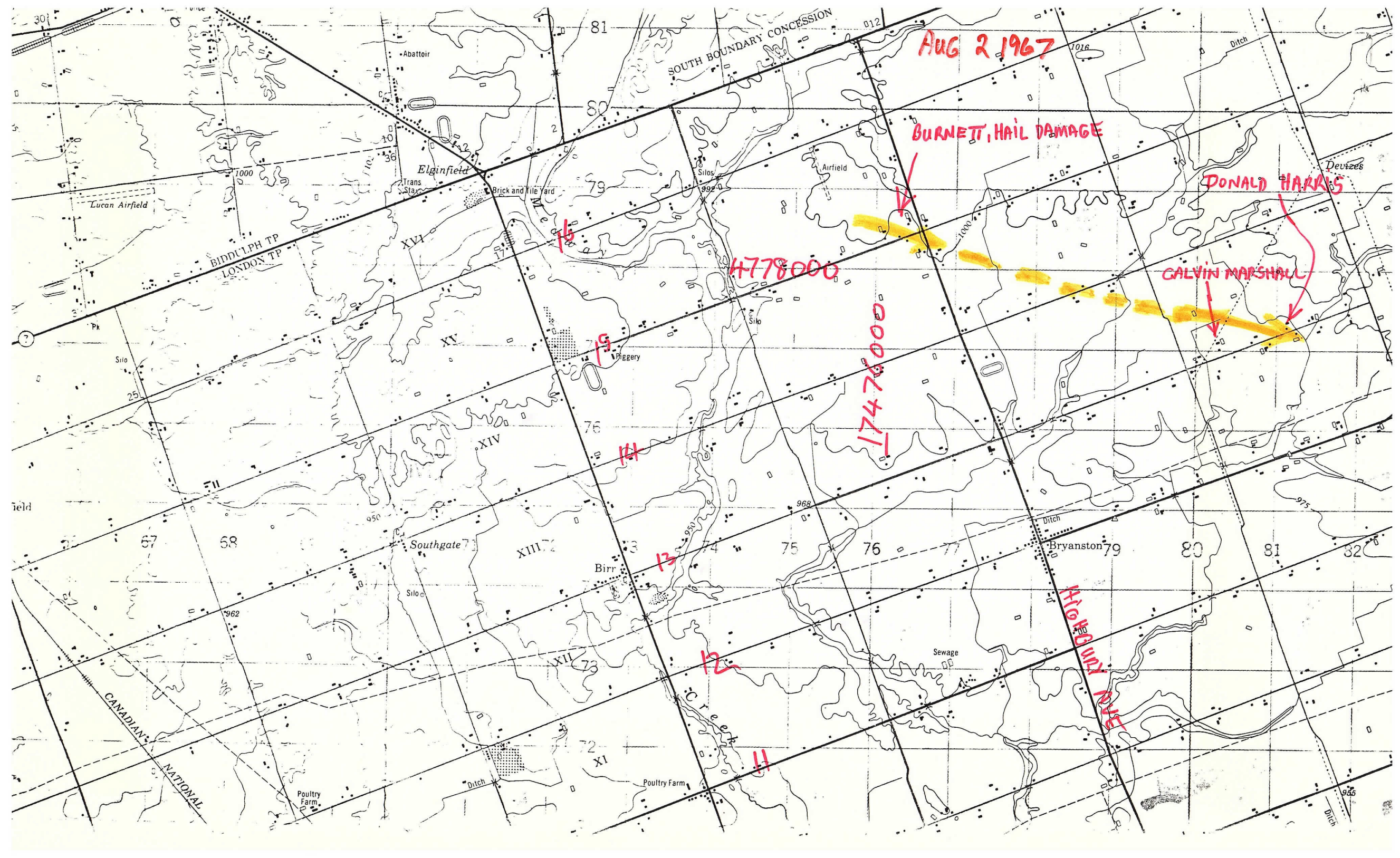
NE Quad $\phi = 90 - \alpha$

NW Quad $\phi = 270 + \alpha$

SW Quad $\phi = 270 - \alpha$

SE Quad $\phi = 90 + \alpha$

⑪ $\phi = 283^\circ$



Telephone conversation with Mr Calvin Marshall
BTH Con. London Township, Middlesex Co. (519) 461-1897
regarding tornado of Aug 2 1967.

Mr Marshall had a barn blown down,
and another had its roof removed.

Telephone conversation with Tom Harris
BTH Con. London Township, Middlesex Co (519) 461-1991

Mr Harris said the barn roof was
taken off and carried to near a creek
on the east side of the farm buildings.