

CHI04MA182 – Bell 407 – July 13, 2004 – Newberry, South Carolina



330°



nts

① intake

34°25.193

81°42.605

② main
wreckage

34°25.193

81°42.605

③ tailboom

section

④ segment horizontal stab.

of tail left + skid

rotor

driveshaft +

34°25.185

81°42.585

⑤ segment of

tail rotor

driveshaft +

fwd crosstube

⑥ U shaped

section of

34°25.185

81°42.595

⑦

tail rotor

gearbox

endplate

34°25.185

81°42.587

tailboom

segment of

tail rotor

drive shaft

⑧

left + close
step

vertical ⑨

34°25.175 RT skid

20 + crosstube

fin

34°25.181

⑩

trees 34°25.174

81°42.577

81°42.576

GPS Wreckage on 7/14/04 (different GPS system)		North		South
large chunk of tree (~16x8 in.) (blade strike) (possible first impact into trees)	34	25.158	81	42.568
lot of small tree debris	34	25.156	81	42.567
large piece of tree (~3ft. branch)	34	25.168	81	42.568
chin bubble (~20x24 in.)	34	25.158	81	42.56
drain for chin bubble (hole)	34	25.164	81	42.567
small pieces of chin bubble	34	25.165	81	42.567
piece of main rotor blade skin (~32x8 in.)	34	25.167	81	42.581
piece of cross tube	34	25.16	81	42.58
right rear cockpit door (plastic)	34	25.183	81	42.583
step	34	25.17	81	42.579
vertical tail rotor stabilizer	34	25.188	81	42.579
tail rotor drive shaft (broken, not cut)	34	25.18	81	42.574
1/2 part tailboom	34	25.181	81	42.588
left skid tube	34	25.186	81	42.589
tail boom and horizontal stabilizer piece	34	25.187	81	42.59
tail rotor boom	34	25.188	81	42.59
front cross tube	34	25.179	81	42.59
aft cross tube and right skid	34	25.175	81	42.578
vertical fin/horizontal stabilizer	34	25.175	81	42.583
main crash site	34	25.185	81	42.606
first impact of fuselage	34	25.184	81	42.604
skid step	34	25.193	81	42.581
piece of tail rotor driveshaft cowling (~43in.) and tail rotor gear box housing cover (~32in)	34	25.182	81	42.593
piece of tail rotor driveshaft cowling (~27in.)	34	25.177	81	42.592
piece of tail rotor driveshaft cowling (~24in.)	34	25.182	81	42.586
piece of vertical (left) fin off horizontal stabilizer	34	25.183	81	42.586
tail rotor gear box	34	25.18	81	42.587
cross tube mount	34	25.18	81	42.584
piece of main rotor blade	34	25.185	81	42.589
piece of main rotor blade (~23x8 in.)	34	25.171	81	42.583
tree #1 (southernmost) (top taken off)	34	25.174	81	42.568
tree #2 (just west of #1) (top taken off)	34	25.168	81	42.572
tree #3 (northernmost) (top taken off)	34	25.173	81	42.567
leading edge wing	34	25.159	81	42.592
right upper cowling piece	34	25.161	81	42.591
pocket weight main rotor blade	34	25.169	81	42.575