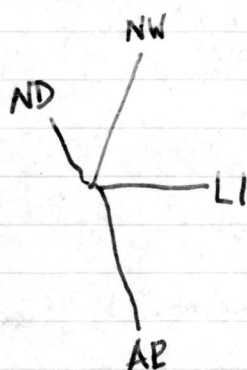


19830913IL-LPS

ODW Test flight 830913I

pre flight sz good

Hawaii out (for the week)



takeoff 1410 (1010 AM)

Lat & lon will be wrong - must
replace with lat & lon of AOWL
in sonde files

entered sonde ID's 1, 2, 3

#1 Launched 1500 (is launch on cassette?)

no signal initially

540 m

channel 3 drop 1506
Z 1507

300 m

1512 - no signals yet.

will move sondes to 5th floor.

1529 trying 2 & 3 - see if 1 improves

1 improved

but had to break box pattern

1535 due to traffic

pseudosmooth track from

~ 1535 - 1546

will try to set another box

Ch 2 is off - no good Σ

Ch 1 is erratic - sometimes OK

Ch 3 not very good

turn at 1546 (2780 sec Ch 1)
now heading W 1st leg

1549 — Ch 3 sig comes up
↑
(2500 sec Ch 3) new box

turn at 1552
(3110 Ch 1)

now heading N (3500)

#1 faded out (3200)

no good signals on this

inbound leg — (antenna orientation?)
(pointing away)

heading
directly
at source

turn 1558 (3320 Ch 1)
(complicated)

→ climbing during
east leg (till
3680
Ch 1
1602-3)

signals coming back after turn.

Ch. 3 pretty useless on
this eastbound leg

454 mV
6660 m

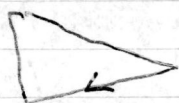
turning at 1611 

(4220 ch 1)

heading 260

ch 1 winds fail dramatically
during turn -
coming back

now trying to angle



so far only ch 1 worth
bothering with

4612 sec (some 1 sec loss)

winds recovering by 4820

turn 1623 (4950)

now heading N (toward
center)

wind not improving
(we're heading toward sonde now)

0.412



will try to adjust triangle
to

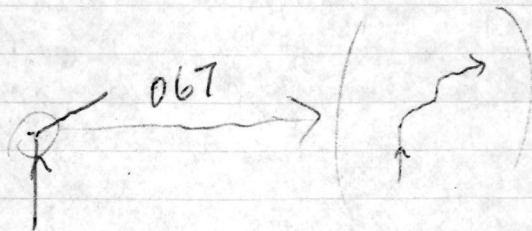
x



so were not heading
toward it.

turn 1629 (5300)

long
turn
1629-1671



5390 ch1 returns

winds good on

NE leg WA up to 8

new turn 1636 (5700)

⊗



(190)

now winds real good

1 m/s WA=8

ch 3 off -

do N-T process

2 & 3

9.9 hrs

5996

6068

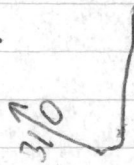
6074

2 WA=0

x

turn at 1642

(6100)



heading toward sonde again

turn at 1649

(6520) also sig loss

065

turn 1655 (6900)
also signal loss

a

195

1702

turn

312 ✓

1708 (7660)

sign
again



FD says signals losses
occur more
during turns -
as lakes & holes
pass over south

(antenna
moves)

(Do a survey of this)

will run
1 more pass

descent begin 1729