

Message A80004AA A74A072BFDEFC1 D5CB4F

MB A74A072BFDEFC1

1 0 1001110100 1 0100000011 1 0010101111 1 1 110111101 1 1 111000001

1 0 1001110100

628

Magnetic heading:
[two's complement]

$$628 \times 90 / 512 \\ = 110.39^\circ$$

1 0010101111

175 $\times 0.004$

Mach number: 0.700

1 1 110111101

445

Barometric altitude rate:
[two's complement]

$$(445 - 2^9) \times 32 \\ = -2144\text{fpm}$$

1 1 1 111000001

449

Inertial vertical rate
[two's complement]
 $(449 - 2^9) \times 32$
 $= -2016\text{fpm}$

1 0100000011

259 $\times 1\text{kt}$

Indicated airspeed:
259 kt