

1 D	2 C	3 C	4 B	5 A	6 A	7 P	8 P	9 P	10 P	11 P	12 P	13 P	14 P	15 P	16 P	17 P	18 P	19 P	20 P	21 P	22 P	23 P	24 P	25 P	26 P	27 P	28 P	29 P	30 RAF	31 M	32 N	33 S	34 S	35 S	36 S	37 S	38 S	39 S	40 S	41 S	42 S	43 S	44 S	45 S	46 S	47 S	48 S	49 S	50 S	51 S	52 S	53 S	54 S	55 S	56 S	57 S	58 S	59 S	60 S	61 S	62 S	63 S	64 S	65 S	66 S	67 S	68 S	69 S	70 S	71 S	72 S	73 S	74 S	75 S	76 S	77 S	78 S	79 S	80 S	81 S	82 S	83 S	84 S	85 S	86 S	87 S	88 S	89 S	90 S	91 S	92 S	93 S	94 S	95 S	96 S	97 S	98 S	99 S	100 S	101 S	102 S	103 S	104 S	105 S	106 S	107 S	108 S	109 S	110 S	111 S	112 S	113 S	114 S	115 S	116 S	117 S	118 S	119 S	120 S	121 S	122 S	123 S	124 S	125 S	126 S	127 S	128 S	129 S	130 S	131 S	132 S	133 S	134 S	135 S	136 S	137 S	138 S	139 S	140 S	141 S	142 S	143 S	144 S	145 S	146 S	147 S	148 S	149 S	150 S	151 S	152 S	153 S	154 S	155 S	156 S	157 S	158 S	159 S	160 S	161 S	162 S	163 S	164 S	165 S	166 S	167 S	168 S	169 S	170 S	171 S	172 S	173 S	174 S	175 S	176 S	177 S	178 S	179 S	180 S	181 S	182 S	183 S	184 S	185 S	186 S	187 S	188 S	189 S	190 S	191 S	192 S	193 S	194 S	195 S	196 S	197 S	198 S	199 S	200 S	201 S	202 S	203 S	204 S	205 S	206 S	207 S	208 S	209 S	210 S	211 S	212 S	213 S	214 S	215 S	216 S	217 S	218 S	219 S	220 S	221 S	222 S	223 S	224 S	225 S	226 S	227 S	228 S	229 S	230 S	231 S	232 S	233 S	234 S	235 S	236 S	237 S	238 S	239 S	240 S	241 S	242 S	243 S	244 S	245 S	246 S	247 S	248 S	249 S	250 S	251 S	252 S	253 S	254 S	255 S	256 S	257 S	258 S	259 S	260 S	261 S	262 S	263 S	264 S	265 S	266 S	267 S	268 S	269 S	270 S	271 S	272 S	273 S	274 S	275 S	276 S	277 S	278 S	279 S	280 S	281 S	282 S	283 S	284 S	285 S	286 S	287 S	288 S	289 S	290 S	291 S	292 S	293 S	294 S	295 S	296 S	297 S	298 S	299 S	300 S	301 S	302 S	303 S	304 S	305 S	306 S	307 S	308 S	309 S	310 S	311 S	312 S	313 S	314 S	315 S	316 S	317 S	318 S	319 S	320 S	321 S	322 S	323 S	324 S	325 S	326 S	327 S	328 S	329 S	330 S	331 S	332 S	333 S	334 S	335 S	336 S	337 S	338 S	339 S	340 S	341 S	342 S	343 S	344 S	345 S	346 S	347 S	348 S	349 S	350 S	351 S	352 S	353 S	354 S	355 S	356 S	357 S	358 S	359 S	360 S	361 S	362 S	363 S	364 S	365 S	366 S	367 S	368 S	369 S	370 S	371 S	372 S	373 S	374 S	375 S	376 S	377 S	378 S	379 S	380 S	381 S	382 S	383 S	384 S	385 S	386 S	387 S	388 S	389 S	390 S	391 S	392 S	393 S	394 S	395 S	396 S	397 S	398 S	399 S	400 S	401 S	402 S	403 S	404 S	405 S	406 S	407 S	408 S	409 S	410 S	411 S	412 S	413 S	414 S	415 S	416 S	417 S	418 S	419 S	420 S	421 S	422 S	423 S	424 S	425 S	426 S	427 S	428 S	429 S	430 S	431 S	432 S	433 S	434 S	435 S	436 S	437 S	438 S	439 S	440 S	441 S	442 S	443 S	444 S	445 S	446 S	447 S	448 S	449 S	450 S	451 S	452 S	453 S	454 S	455 S	456 S	457 S	458 S	459 S	460 S	461 S	462 S	463 S	464 S	465 S	466 S	467 S	468 S	469 S	470 S	471 S	472 S	473 S	474 S	475 S	476 S	477 S	478 S	479 S	480 S	481 S	482 S	483 S	484 S	485 S	486 S	487 S	488 S	489 S	490 S	491 S	492 S	493 S	494 S	495 S	496 S	497 S	498 S	499 S	500 S	501 S	502 S	503 S	504 S	505 S	506 S	507 S	508 S	509 S	510 S	511 S	512 S	513 S	514 S	515 S	516 S	517 S	518 S	519 S	520 S	521 S	522 S	523 S	524 S	525 S	526 S	527 S	528 S	529 S	530 S	531 S	532 S	533 S	534 S	535 S	536 S	537 S	538 S	539 S	540 S	541 S	542 S	543 S	544 S	545 S	546 S	547 S	548 S	549 S	550 S	551 S	552 S	553 S	554 S	555 S	556 S	557 S	558 S	559 S	560 S	561 S	562 S	563 S	564 S	565 S	566 S	567 S	568 S	569 S	570 S	571 S	572 S	573 S	574 S	575 S	576 S	577 S	578 S	579 S	580 S	581 S	582 S	583 S	584 S	585 S	586 S	587 S	588 S	589 S	590 S	591 S	592 S	593 S	594 S	595 S	596 S	597 S	598 S	599 S	600 S	601 S	602 S	603 S	604 S	605 S	606 S	607 S	608 S	609 S	610 S	611 S	612 S	613 S	614 S	615 S	616 S	617 S	618 S	619 S	620 S	621 S	622 S	623 S	624 S	625 S	626 S	627 S	628 S	629 S	630 S	631 S	632 S	633 S	634 S	635 S	636 S	637 S	638 S	639 S	640 S	641 S	642 S	643 S	644 S	645 S	646 S	647 S	648 S	649 S	650 S	651 S	652 S	653 S	654 S	655 S	
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PURPOSE OF FLIGHT:

Night navigation exercise.

TECHNICAL OFFICER'S REPORT:

Investigation indicates that failure of engines was due to fuel starvation. Fuel pumps O.K. but remainder of fuel system badly mangled in crash.

NATURE OF ACCIDENT:

Pilot states both engines quit together after running on right hand tank for 45 mins. At time of engine failure the cross-feed was OFF. Carburettor heat cold, mixture cruising lean. All engine controls were working normally prior to engine failure.

COURT OF INQUIRY OR INVESTIGATING OFFICER'S REPORT:

FINDINGS:

SUMMARY No.

Tests reveal that a leak in the hose connections between the gas tank selector cock and wobble pump cause air to be sucked in and the engines to cut within 30 seconds.

Interference with these hose connections is possible:

- (a) Through right hand occupant kicking gas line with feet.
- (b) If hose connections are installed with thumb screw in the up position, by seat locking bar catching thumb screw when seat is slid back.

CLASSIFICATION:

~~54. Engine failure in the air.~~

18. Misc. Technical

SECONDARY OR CONTRIBUTORY FACTORS:

~~33. Technical Defect.~~

25. Petrol Shortage

ACTION TAKEN:

NIL