

TRN/AVA/1 # 1

0270/1

0270/1

SECRETARIAT

(Formerly)

SUBJECT :

INVESTIGATION OF ACCIDENTS TO AIRCRAFT.

CONNECTED FILES.

a to

NUMBER

MEMORANDUM.

It is requested in any referte to this memorandum the above number and the date may be quoted.

NO.

From. Harbour Master.

Stanley, Falkland Islands.

11th April,

To. The Honourable,

The Ag. Colonial Secretary.

Stanley.

SUBJECT :-

In connection with the aircraft accident at San Carlos I have the honour to quote the Handbook of Service Instructions 0 - 290--1 and -3 Aircraft Engines Section IV page 21 para 7.

"When engines have been in accidents that involve sudden stoppage of the propellor.....should be checked for runout as follows.....

(c) "If total movements of hand is more than .005" the engine should be removed and sent to a depot for disposition". Thus quite apart from a rigid inspection of the

airframe now required a competent mechanic should check the engine. Untill such time as the qualified aircraft mechanic

arrives to carry out these duties I advise, most strongly, that the aircraft should be grounded.

b. J. Bunting

Harbour Master.

Discancel tak EE. Who a since har kill's exam has shaken amerally much he Think - greation

Ref. Accident to Aircraft VP.FAA at San Carlos on April 7th, 1949, at 0810 approx. Nature of accident :-

Day Land Lending.

Sir,

I have the honour to submit the following report on the accident to Auster Aircraft VP. FAA.

The aircraft took off from Stanley at 0715 on Thursday, April 7th, carrying one passenger, LT. Col. K.S. Pierce-Butler. The long range tank was full and radio was carvied. As the Meteorological Station was not manned at that time, no R/T contact was established.

The purpose of the flight was to obtain photographs of Port Sussex at the request of Mr Thomas Tinher of the Colonial Development Corporation. To facilitate this flight previous contact with Mr Tinker had been made, and map references obtained from him. Also Mr Bonner of San Carlos had laid smudge fires at fort Sussex to mark the area concerned.

On arrival at Fort Sussex, a considerable amount of cloud was still covering the area, and it was decided to land at San Carlos, where a landing had been made on a previous flight, and await an improvement in the weather which appeared probable. The smudge fire at Port Sussex was already alight.

On arrival at San Carlos, a light wind was blowing from the S.W. and a normal landing was carried out on trom one 5.1. and a normal landing was carried out on the E.W. runmay. No drift was experienced below 100 feet. After landing the aircraft continued to taxy for approximately 120 yards, and then the mainwheels of the undercarriage sank into soft ground. The aircraft over-turned, and Lt. Col. Pierce-Sutler received a blow on the head from a piece of equipment which fell from the back of the aircraft.

Attempts were made to right the aircraft, but it was found necessary to rig two purchases before this could be done. The aircraft was turned back onto the undercarriage about 11 hours after the accident occurred.

The following damage was sustained.

Airscrew broken -

Rudder top damaged 🛩

Perspex on top of fuselage broken -Approximately 6 riblets in each mainplane dented -Some damage to lift strut fuselage attachment bolt and bushes

Cowlings dented. ~

The mainplanes were removed to safe storage. The remaining damaged components were also removed and the aircraft was covered and picketed. A preleminary inspection of damage to one mainplane was carried out by Lt. Col. Pierce-Butler and self, and dented cowlings repaired and replaced.

Acting upon orders received from Stanley we returned, via horse and "Philomel", on Sunday, April 10th, leaving the aircraft at San Carlos. I am, Sir, Yours Respectfully,

The Executice Engineer, Stanley.

V.H. Spencer, (Pilot)



rele .



TELEGRAM.

From Governor's Deputy

To Governor "John Biscoe"

<u>CONFIDENTIAL</u>. Auster leaving for hospital case 12th April failed become airborne owing breakdown steering control. This makes fourth accident in three weeks. Latest accident apparently due either negligence by Engineer which he denies or deliberate tampering by person unknown. Consider early official enquiry necessary and suggest it be conducted by Registrar Supreme Court and Gutteridge as Harbourmaster required as witness.

GOVERNOR'S DEPUTY.

PA

GTC. JB. Decode.

TELEGRAM.

From H.E. the Governor. "John Biscoe"

To The Governor's Deputy.

Despatched :	16th April,	19	52	Time :	1330
Received :	16th April,	19	52	Time :	1400

MC 18/4. Your telegram AUSTER. It would have been best to have asked IEVERS hold immediate enquiry.

In the circumstances I think it would now be preferable for you to preside with GUTTERIDGE and if he agrees HCRNCASTLE or one of his officers as member.

GOVERNOR.

P/A. (Intld)C.C.



25ml April,

52.

Sir.

Inquiry into the Breakdown of the Auster Floatplane on 12/4/52.

I an directed by His Excellency to express his appreciation of the very clear report which was subsitted by the Board and to convey his thanks to all members.

> I am, Bir, Your obedient servant.

(Sgd) C. Campbell COLORIAL SECREPARY.

fa .

Mr. E.C. Gutteridge, CaptErANLEY Horncastle, D.S.C., R.M., Commanding Officer, H.M.S. Veryan Bay, STAMLEY.

No. It is requested that, in any refer- ence to this memo- randum the above number and the date may be quoted.		MEMOR	ANDUM. 23rd Apr To: Harbour Master,	il, 1		
om: The Colonial Secretary.			STANLEY.			
	Stanley, I	Falkland Islands.				
Subject	1100	ructions arisin akdown of the j	ng out of Inquiry into Auster Floatplane.			
1 đ	to the An 1952, sul lirected	uster floatplar bmitted by the	e report on the breakdown he on the 12th of April, Board of Enquiry, I am ency to request you to bllows:-			
	(a)	hangar are pr	sure that the doors to the poperly secured and that y be effected by use of			
	(b)	all planes ar pleted in mor	oure that the Log Books of re kept up to date and com- re detail, as far as possib with the instructions in	le		
	(c)	how far it is the Ministry regarding mai planes and yo to Government Falkland Isla	e an investigation as to practicable to conform with of Civil Aviation regulation ntenance and inspection of ou should submit recommendate . Tritten instructions to mads Government Air Service ould subsequently issue.	ons		
	2.	The Auster Log	Book is returned herewith.			
			C Campbe	el		
			COLONIAL SECRETAR			
*			All and his armed. 316			
		<i>j.</i>	lettarin product 310			
		Am	Drv your retention accu	1.		
			Dela			

H.C.S.

With reference your Memo. dated 23rd April, 1952 .-

(a) I have asked the Superintendent of Works to inspect and attend to the doors so that they will in future be "burglar proof".

(b) Logs will in future will be completed at the correct time.

75

(c) Routine maintenance in the past has been carried out as nearly as possible here to the regulations laid down by the Air Registration Board, but governed more by the weather than by the number of hours flown. In some cases aircraft have been given their routine inspection earlier than is laid down owing to a lull in the flying operations, whereas on other occassions when there has been a long list of bookings, the plane has been allowed to fly over the hours so long as the engineers have agreed that the aircraft is in good condition.

If it considered necessary, F.I.C.A.S. can keep to the letter of the law as regards these inspections, but this would curtail flying operations, and I am personally satisfied that the present system is perfectly safe and adequate, and as evidence of my confidence I would like to point out that outside the actual members of the Air Service staff I probably am more hours in the plane than anyone else.

John galande

2.5.52.

Seen and agreed.

Engineer, F.I.G.A.S. 2.5.52.

P.a on a suitare FIGHS By on this w

The Ref (24) Par are (25.

2) Ref (26. 60 0 0 rac pertinent. 3) I fear, whether wither himself or not, that we have been rather las in this respect. O wonder appear & male it mandatory for us to report all accidents however small, and the definition of accident in Or leaves us no loopholes.

4) They I pre discuss with 45. what action we should take.

> When is was received we had us an second nor contempended such a productily ; its providence were is not unalisably wellwhich and we have a wanable cicina.

2. Buch dearly we must diverge the mant shippin of anidonts and shaced do so under apartice days alon . R. discuss at invenience.

The Droft departed submitted of 14/1.

27

cover. 2) as I read (26 a previous correspondence) do not think that we are reputed to sent a devanted report in hiplicate. If they this is really an initial report & if they reput fuller details I feel they will ask for Men. 135 aque. Fai as v. chighty manded

Munded a une hig. 28 Yr. Report on the proceedings , Andrig of the Curster place Board of Engine on bruttes. I apologing for the untide Comptant document but this is in the interests of spices & security. 2). I have the following additional observations:a) In addition to the fact that a conviction is family on thalls is unlikely ; legal proceedings would be protracted. I believe To thello belongs to some Filots field I me with easily wish to obtain legal representation. which the pulls no doubt supplies free. 6) apart from the above , I feel ferminely sorry for the tall, and we if the . enquieered this breakdown, he did 20 through neurosis and mental strain. . It may be that we were at fault in not grounding him earlier. · · · · c) The Board feels that he should not the again. I fear I must recommend that this should apply even to training HMM. The bis padmission about his los flying , and taking with account this enfring, 2 a the note think we would be raking prove a sister if he was permitted to supervise this training and it would be dettrailly to justify d) as regards his prounding , I feel that - this could be done pracefully by a

medical board. If sho, does not so recomment. then we wind take adamis trative action but I feel me this will not be recenary.

e) I angent that to the Halls be given 3 months notice and that we get him and family away on the first boat which well probably be the end of July. He wonld get half pay on the former home of specially granted by Governmant, Perhaps we might be puided in this lig the report of the medical Board.

i) This accident a enquiry. though still ampdential has aroused plenting of tocal miltrest, and I suggest that we can only publish the finding of lampening by prior a person inknown. It would I feel be Lau. morse to say anything about the fromd stage and hi my case, the above finding freeuppes that the accordent was not due to manitenance the should . make negligence. Alto a defect in the plane; Andre.

2194

D.

ya.

discon +

The Bound has, in my view, scatter the and possible conclusion and I recept its recommendations as segrened in the last paragraph of the reportance finding. Mi Malls should be bounded ; I share your-Sympally in his prediction and . We have just been impettede althings my feeling is know his distante for flying - as destand form mistruding a which he has been inquiged for the

part few years - is no new thing. I think the justification for X of your minute under the in the fast that the Hallis have of confedence in huncely preclades no from allowing hum to camp parsongers at all. Subject to SHO's views, and th' Stuckte's. I under so no objection to the Statt earning his keeps to the point where HAY can start flying unsupermit. I gathered from Itals that it would only be about a fordingth.

30

MQ. 21/10. I are obliged to you for the very dan fore. upod : please anny my hearts sho to the members of the Board.

CONFIGENTIAL

Record of meetings of a Board of Enquiry set up to investigate the breakdown of the Government auster float plane on 10/4/52

members . Hon. C.S. Commander L. Homesotto M& R.N. the Cutter i type.

Formation of Board.

On 1/4/52 the Hym reported to Hed that the ansver plane had been mable to proceed to till love owing to a breakdown of the midden controls. He states that certain aspects of the brech down had necessitated his calling in the Chief Constate to wale certain west pations the Wester was reported that the the replied on 16/4/52 instructing that an minedicte enpuis should be held by a Board constitutio as above.

Edden witnesses heard by the Broand

On 17/4/52 the Board met in H.C.S. Bai the Norris Lunth. M Halls oh aldridge

The Harbour make Mrs Harvey Mr Cahill The Board also visited the hangan and inspected the anster On 19/4/52 the Board again not in thes. This and heard. the chief Constable the D. Jones the Harvey (recalled). The Board again visited the hangar & plane.

harrative. The Board considers he the following narrative & constitutes the chair of white leading up to the enquiry :the The awarter had been awarting favorable weather for some days to proceed to the Cove to pick up a bospetal cane. the Thurstay 10th april. Mr Luith

carries at a Denty Inspection in care

Mr. Halls was atoma in the hangar

Fuday " april was bood friday and as the weather conditions were not favourable the work was carried out in the hangar.

The Suith opened up the hanger with

the plays in his possession and the stall

late times up. The aldridge was present

"having returned from the leave on that day.

a parseryer, Mrs Hawey, with three

the trip took place the following day.

. On faturday 12th it was decided to

-

with him.

make the trip.

children was also present. The Luith stracted the supire quit that the controls but did not carry out a full Dr. The passengers and two suit cases were en barked and the flight startes. The thalls taxied out approximately due north of the hangar. He then did two or three short arcuits on the water, probably to the right, and then lined up for the take of.

1

He fave the plane full throttle and started his same take of un but attend the and before becoming an borne the plane started veering off to the right. He are applied the left udder pedal but for no response and so cut the engine. By this time he was nearing the north bank of the harborn and he continued drifting until the plane finally beached tell with some duperpend damage to the floats. The Mon can't the furth came up in The alert and book of the passengers and tower the plane back the hangar. M. Halls reported that the left middle case affected to be broken. The plane was handed into the hanger and a curry examination revealed that the left indder cable had come adupt from the pedal and did not appear to be broken. He shackle puis I split più which normally belo it in place, were measing. the by as it was Latinday work triabed for the day but on Lunday is the tall any out a detailed moust ya tion. They forms that the breakdown had occurred as set out above a they conducted a search for the mussing shackle più a split più. These they found under the floor boards, beneath the control pedals. as the split pin I which, when is position,

is opened out and the wrip bear back) was not broken on conroded, as it seemed impose ble as there were marks on the hear which could have been caused by privers, the was etter due to maintenance negligence on deliberate sabotage. He was on forcion they impressed by the fuithis denial of negligence to pursue the question of sabotage and his unicediate suspicions fell on the Halls. Some acriminions discussion took place between the three parties all the hangen and topm then decided to report to the to chief Constable. This he did ? represted the C.C. to ask the passage if she had seen the stalls fiddling with or ronching the controls at his feet at any time between her artry with the plane and . The occurrence of the breakdown. as previously recorded this . cc: woekyatin

bore no finit.

33/5

Preliminary anclusions by the Board. lifter hearing the endence and examining the exhibits the Board considered that the only breakdown could only have occurred in the following factions :a) act of bas Deligence dring maintenance. Deliberate ramping by person a person unknown d) beliverate tampering by person known - Mr Halls.

The Board proceeded to examine these conclusions.

A. act of God.

all manbers of the Board can and witness were agreed that the split pin and shackle più could not have , come adrife of their mon accord. The split prin found under the floor boards had not broken, it was straightened out and had obviously been in use. It was not comoder. It had pricer marks it is into general appearance was consistent with it is into bein and on the proper place by prices. As the thorough search had revealed no broken pieces of pin and as that was the only cited the pin forms, the Board and only conclude that it was the split pin in prestion. all intransp. Me split pin in prestion. all intransp. including the Halls, agreed with this conclusion. The Board was therefore compelled to dismiss the theory of bet of Good.

B. Mantenance hepliquee.

The fifth stokes that he could awear that the split pin and shackle pin were correctly in place three when he carned out a thorough overhand of the place three weeks before this break down. He was positive that the pins were in position when he carried out his Dit on <u>Threetony</u> 10th but he could not positively emean to it: He states that in his opinion the sheelle prin & split pin that not been removed since the place has been a sem thed and That makes any corronion or defect was noticed; they works only be removed at the annual complete were head which had not get taken place. Kaletide the further supported that He part is prestion came cheady assemblied from the makers , that The pins were probably not put in by FIGAS The addudge the who has worked as appendix for 15 months, had not seen the prins removed but thought they might have been when the main rank was Taken AG. the Jones confirmed the kinithis statement that the pins had never been removed, even when the Fand was when the pins were not assaubled put in at home but by FIGAS, when the plane was

mitrally assentled. He the Jones also drew the Boards alter time to possible finder marke, consistant with price marks, on the shackle pri, which had not prevenally been noticed. This indicates that the shackle pri as well as the spirit prin had been deliberately with drawn. The Board was impressed by the charity and sincerety of these three witnesses and therefore males int the possibility that the beak down was due to maintenance negligence. Here were eatisfied that the both pris were properly in position after the fuild:

C. Deliberate Van pering by person a person Assuming that both pins were in position after the Br. on Thursday 10 %, some person must have removed the split pin between that time and the breakdown. The shackle pin even if hereword also must have been replaced finily or hypethy before the finith's tried the controls on the Latit day moring as its absence must have been noticed then. The split pin might i have done been repeaced hightly but this is most impossive as it was pressure wonts have kept it in place, mean premoves by the pilot hurself. It is more probable that the affic pri was removed before to huth's check up a laturday. - the day of the flight. Goes examination of witnesses failed to disclose any motive for this tampeng lecept on the part of the Halls which will be dealt with later. No member of FIGMS seems & have any prudge against another a no mendo outside person seens to have a prudge gainst any FICAS members or the organization to ege. . I he particular the mechanic finith Gund Sugineen . can be ruled out, as any act and as This could only reflect back on him & advensely effect his professional cares. held the key; of the hangen & did

not give them to any me clas between the Hundra i Let more all FIGHE into the hap members however, gree that wing and in the the apple in the tenor the they by can be effected without the they by people in the tenor i.e. Fight members, and was it will be shown late that the Halls, in company with the Calute, did so enter on boad Fuday. This narrow the field down to FIGAS employees, and of the pive, Jones leave, it and there seems no concertable reason why thickle in finite shall tamper in this way. Only Halls the pilot when left. He had opportunity and as, is shewn later, some motive.

New,

40

D Deliberate tampering by person known - M. Holls The line against stalls It is common knowledge that the Hells' flying nerve has particly jone. He hunself admits that he has lost. The michina tion to fly. It was supported by itemes hunth which le that in Hall, was particularly hather to fly to the west Bland. Though he did tells admitted to the Board that this was Correct as he considered flights to the west too hegendons. The thells seems to have an mexphechle lendency bivaries low flying which to indire tis some abromality of entbook. The Hall we most unin pressure as a witness Grantis that he may have been estremely nervous, he's whole altitude was me of vagueness a lock bestre. Though he must have prien the problem considerable thought , he appeared to hold no strong vers or theories and he seemed to concentrate manily on obscuring the issue & Vaking refuge behind 'bad buch' " prembins' as an appendix a list of the tran recent thring accidents is altached. These were cliscusses with the to on furth & though most of their theories amounted to hearing & confecture the following points were notio by the Boans.) Accordent 1 This was a flight to the west with

in Blake as passanger. in Hall, force limber on a shellow point when Hying on the belly tank. This defect we had happened before but hat aligned and the ne and t Seallo - -Filil Tomh. The stalls was unable to de 20. He sand he was thing at about soo for but in Bah put it at about 350 ft. It is conceivable that in Halls purposed, witched to "off" wishers of to main Vanh" in order to abage this emergency landing.

2) accordent in all witnesses apreced that this was an Get of Coo. It was possible for it stalls to Tomper with the fashed but wast improbable as the operation was a dethault one of the suches mindel.

3) Conclent = The Walls when flying solo to the west Timed back some in miles past Barum , Cambes at Janvi. He said that he had been flying at about 800 ft " must have bit something in the an - a bied - & demayed the propellar. It was subsequently found that the propeller was bent in a most pearlier consistent fashion a no follow or feathers, and with hitting a bird, could be formed. It is conceivable that the Halls pokes

int the

a strok on threw some object through the jor fulla after he had landed at Darwin, on some near by creek. It would however lven en los be very difficult to prove this. 4) accident is the consideration as this is the course of the present enpuiry. a suspicion aspect of this accident is the nature of the take off. The thalls had on a very full load of possenpois hippape & petrol, yet he started his take off sum almost obne north of the hangar. The lipeneer, and the thells on other occasions, we used to got To to the north east non for the got the the north east non Fairing cove, when the wind was in the same direction as on the day in prestion. It indicates that in talls neve servershy contempleted taking of that day. Agan when he lett the hangen he Varied out towards the for the for did two on three short arcuits on the water before luning up for the take off. Weither Lunk no ald nidge com remember which way he turned but the personger thought it was too to the right. alle agreet that this was an unusual mandenne not previously carried out. It would be consistent with killing time while i'm balls worked our the shackle pui with his hand The Hawey was taken to the plane & realed therein & asked to give an account if the herrid movements carried out by

114 14

The pilat. Horgh the prew him bend forward she did not think their the vached as fer as the control in prestion. Whethere The Harvey: widence should not be relied upon very much either way as the was occupied with a child on her lap " how others behind her. However members of the Board sort in the pilots reat ; were sets free that the thells could prestly have reached down & removed the boose shackle pin without aronany any undue respection on the part of the ferenge. Mu Hells were caked whether he entaied the

The teells was caled whether he entered the hough on bood frietly v be denied that he went any where near it. It was supported that he went there inthe the Califel to collect processes i be then admitted that he did to be collect wood near the hourger. but he denied porg middle is with remember the sead day it's Calife stated that they went to collect the wood has both entered the houses to as the Calife wanted to borrow a little pervol.

Possibly The Halls' denial was due to a desire to bush up this somewhat denbtful petrol transaction: but if so it was very foolist of him not to present the free facts to the Board.

However the Cabitle states that he was with The blocks all the time in the hongon & they did not go near the Auster.

a further point was made by the mechanics that if the spect pin has been removed minediality before its flight, it was

most in probable that the shackes pin woned have been loose unicolately by which the It is much more likely that it wones have had to be public out by hand apain Mis particular press of delaberate Tampering is much more likely to have been done lig someone will some knowledge ? avieraft and could well have been done by a pilot suffering from a pony of mid due to rervons broables afflictions and without any real desire to wreck the mechanic or saborage the organization for which he ares working.

410 16

lase for Halls If The thalls really and not face furthe flying he could here pot himself honomatly teres promided by a medical board & the tomes not have best promovally thereby if he wrshed to promis the plane he probably has the knowledge to do it far more effectively them the world the by staging minor defects & thereby only putting of the evil how before his next flight. If he had in fact removed the opent pin 20metime before the flight in habinsay, woned it not have been refer to throw it away. Talken them leave it as domining endince beneath the floor boans. It cannot depoiled, be said that the spert più formed was the più in prestion. Similar pins are used in several other parts of the averaft & one might have been accidentally dropped some time The Smith is possibly lying when he of swore that the spear pin was in position 3 weeks before the accident. In finith. professional career would be runed of he was convictiv of such negligence.

Constilly

-delauty.

The Halls - recalled 21.4.52

Mr Halls was again greationed about his Friday visit to the hanger with the Cabill. He admitted that he went in to lead Calife some petrol and stated that he had prevoid, with held the information as he thought the petrol transaction was illegal. He was prestined about the catraordinanty show take of he proposed to employ on the faturity " he replied that he considered it adequate Taking into account weather conditions " he indicated that he was in the best position, to padge. He was prestimed again about his 2 on 3 short ariants before the take of. He repland that he requely remaindered doing them & saw he would have been halling time while the logic was warming up. He denied that this procedure was only the admany. He was prestimed about his unusually too flying. He admitted that he geared flying high and , because has he was corried S about this lendence, he hadiscussed the whole prestion of this flying new with the 2 sho The Board had hoped that, when confronted with these friestions. My Halls might give a better indication of his pull or universe. However he still gave his condence in rather a vape manner and this Lattilude way house, included to be Kuculent on this recasion.

4/17

4818 Grow cally Ch. RN. Elspertuite Finding It is the considered opinion of the Board that thes accident occurred through deliberate tampering. Inspirion rests heavily on The Halls but as there is a certain about of doubt and as much of the tordence is hearsay and confecture, it is not considered that a criminal prosecution works be likely to succeed. a finding of deliberate tampering by person on persons unknown is there fore recorded. is regard negligence on the part of the engineer and mechanics, the Board notes that the anicraft Log has not been kept up to date; nor was any Dail, Inspection carried out on the Raturday. apart from these anxiderations, however, the Board is satisfied that the beak down could in no way be attributes to negligince on the part of the MEAL provide shaff.

Recommendations by the Board.) The Halls should be 'grounded' either by a nedical board or by administrative action. 2) The hangar doors shones be properly secured. Done. 3) The dog shores be kept up to date and completed in more detail, as for as possible Acres. in accordance with the in Winchions in the over. 4) He Karbon Rasta shorels made an early investigation as to how for it is prachrable to conform with the hunistry of Evil avaluations! ya. repulations regarding manitemance and and fections and be shoned submit his recommendation to bovernment. Written instructions to Jore FIGAS personnel should subsequently orine. Clarkle 21.4.52.

Appendie 249

RECENT DEFECTS OF THE AUSTER SEAPLANE.

1. Date: 22nd March, 1952.

0

Fault: Engine cut while plane flying using belly tank.

Result: Emergency landing.

Cause: Suspected faulty design.

Remedy: Not yet remedied. Pilot instructed not to use belly tank until maker's advice received.

2. Date: 23rd March, 1952.

Fault: Lubricating oil drained from system while plane flying.

Result: Emergency landing.

Cause: Suspected faulty gasket.

Remedy: Renew gasket.

3. Date: 4th April, 1952.

Fault: Propellor damaged in flight.

Result: Emergency landing.

Cause: Struck bird.

Remedy: Replace propellor.

4. Date: 12th April, 1952.

Fault: Steering control broke while plane taxying on water.

- Cause: Split pin and bolt securing left rudder cable to pedal out of position.
- Result: Aircraft grounded in harbour out of control and slightly damaged starboard float.

Remedy: Replace split pin and bolt.

Exhibit I Split pin i shackle pin in question formt under the floor boards Exhibit I fflit pin & shackle pin corresponding to the above rema to the Board from the Splits entrol. Specimien unused split pin also prom

PUBLIC NOTICE

On Saturday the 12th of April, 1952, the Falkland Islands Government Air Service Auster plane, which was proceeding to Hill Cove to pick up a medical case, failed to become airborne owing to a breakdown in the rudder control system.

2. A Board of Enquiry under the Presidency of the Honourable the Colonial Secretary, and with formation R. Horncastle, R.N., Commanding Officer, H.M.S. Veryan Bay and Mr. E.C. Gutteridge, Superintendent, Fower House, as Members was convened to ascertain the cause of this breakdown.

3. After investigation the Board was satisfied that the breakdown did not occur either as a result of negligence on the part of the maintenance staff or on account of a mechanical defect in the plane.

4. In the opinion of the Board the breakdown occurred as a result of deliberate tampering with the rudder control system by some person or persons unknown and they duly recorded this finding.

5. The Government is taking steps to prevent the possibility of a recurrence of such an incident.

Colonial Secretary's Office, STANLEY. 23rd April, 1952.



GOVARBART HOUSE, STANLEY. 19th Ray, 1952.

PALICARD ISLAME.

No. 123. COLONY.

CONFIDERT AL.

Filder

Sir,

I have the honour to refer to your diroular despatch of the 26th January, 1946, and to report four minor accidents which have recently occurred to the Falkland Islands Coverment fir pervice faster float-plane.

2. The delay in submission is repreted and the oversight attributable to the fact that no sir acretice was obtain operating or contemplated here at the time when your despatch was received.

. In the 22nd arch, 1952, the ongine cut, while this plane was flying on its bolly tank, necessitating an energy landing on a pond. The reason for the cut has not yet been nationactorily accertained and the problem has been referred to the makers. In the meantime the pilot was instructed not to use the belly tank.

4. In the Sind Larch, 1952, a further coorgency landing took place as a result of the lubricating oil draining from the system when the plane was flying. The trouble was diagnood as resulting from a faulty gasket which sus subsequently replaced.

5. On the 4th of spril, 1955, an energency landing took place when the propellor becase dasaged during rlight. The nonlight may invo occurred as a result of striking a bird in flight and a new propellor was flitted.

6. On the 12th of April, 1952, when the plane was taxying in the Marbour for take-off, the steering control became disconnected. The plane subsequently grounded on the harbour beach and the starboard float was alightly damaged. It was discovered that the split pin and shadele pin, which secure the left runder cable to the pedal, were aligning.

7. Using to the various peculiar aspects of this accident following on the besls of those reported above (all of which occurred while this direraft was in the banks of the present pilot) I caused an immediate enquiry to be held by a competent hourd.

8. After investigation, the coard was satisfied that the breakson did not occur either as a result of begligence on the part of the mintensuce staff or on account of any mechanical defect in the plane. In the opinion of the Board the breakcosh occurred as a result of deliberate temering with the rubber control system by some person or persons usinown.

9. From the evidence received by the fourd and from their substing up it was, however, elem that suspicion for the tempering respect heavily on Mr. A. J. Balls, the pilot, although insufficient proof was available to justify any crisinal proceedings or departmental disciplinary action.

10. This officer has for some time given grounds for suspicion that his flying nerve has, in some way, been adversely affected and it is well within the bounds of possibility that he staged this accident because he could not face the flight.

11. Er. falls has since been "grounded" for medical reasons and his contract has been terminated.

THE RIGHT HUNDERABLE OLIVER INTERIOR, P.C., D. .C., H.C., M.T., RECRUTANT OF STATE FOR THE COLMINS. 12. I should add that only one accident occurred curing the three years of the previous pilot's service and son occasioned by alighting on a newly prepared landing surip which had been insdepartely crained.

> I have the honour to be, Sir, Your most obediest, humble sorwant,

> > (SGD) MILLS CLIFFORD,

Governor.

DECODE.

TELEGRAM SENT.

From SECRETARY OF STATE to GOVERNOR

Despatched : 24.5.52 Time : 1545 Received : 25.5.52 Time : 1000

No. 73. CONFIDENTIAL. A. S. Halls, Government Pilot.

British Air Line Pilots' Association have received a letter dated 25th April, 1952, from person named stating that he has recently had four forced landings in five flights due to engine trouble and other troubles. He alleges that the aircraft received no proper maintenance nor overhauls and has no certificate of airworthiness. He states that he asked for an enquiry and alleges it was decided he had deliberately caused the trouble himself. He adds that official findings of the Court was that aircraft was tampered with by a person or persons unknown with a private rider that he (Halls) was under strong suspicion and that he would be shipped home in July although his contract does not expire till September. He seeks help of E. A. L. P. A. and suggests they should warn their members against accepting posts. Grateful your confidential observations of his allegations. 2. It would appear from paragraph 1 of yomm Telegram No. 108 Saving Colony of 26th April, 1952, that person named has been declared medically unfit to fly. Grateful to learn whether his contract has been terminated on this account or in connection with Findings of Court of Enquiry.

G.T.C. WH.

1341/1

SECRETARY OF STATE.

H.C.S.

With reference our conversation this morning, we are agreed I think that the only really important part of the Secretary of State's telegram requiring attention is the reference to the Certificate of Airworthiness. The other points are almost so ludicrous as not to require a serious response.

524

Perhaps it would help if I first run through the normal proceedure in Britain for the granting of a Certificate of Airworthiness. The plane is stripped by qualified engineers (qualified in the various categories, engine, airframe, instruments etc), and it is then inspected by the Air Registration Board representatives, who reccommend that a certificate be granted by the Ministry of Civil Aviation. This certificate may be a modified one, such as "to be used only for private flying" etc: you will see the point of this remark anon.

The proceedure outlined above is carried out annually at home: here it is obviously impossible to carry it out at all - not only would it take far too long, but we have no inspectors and not all the licences for engineers required. On the other hand we do possess an engineer (Maurice Smith) with an airframe and engine licence, who inspects the plane before every take-off and certifies it as being up to the standard required by a Certificate of Airworthiness. In my own mind this proceedure is every bit as safe as if we had a nice piece of parchment signed by all sorts of high-ranking engineers cometimes I think it is more so, seeing how cautious all concerned are that the plane should not suffer in any way!

But we cannot answer in the above sense unfortunately, because Maurice Smith has recently been on leave for some seven months, during which time these routine checks before flights were carried out by Dave Jones who is <u>unlicenced</u>. The only way over this difficulty is for the Governor to grant Jones a back-dated local licence - I think he is allowed to do this according to the letter of the law, although it is sticking very much to the letter and very little to the spirit if we did so out here. Certainly in the case of Halls the Secretary of State informed the Governor that he could issue a licence, and that was an almost parallel case. I do not like the idea of back-dating, but if we are going to try and bluff our way out, this is the only answer. Once he finds out that we have said that the plane is always inspected by a licenced engineer, Halls is almost bound to say that this is not true: but if we can then say that a local licence was issued to Jones as soon as he took over those duties during Smith's leave we have an answer.

But even so we are not out of the wood: the last Certificate of Airworthiness issued to that particular plane (i.e. the F.I.G.A.S. float Auster) was issued when it was a landplane and before it crashed. The crash automatically annulled that certificate, and the conversion to a float plane would also have cancelled it. As we only sent home the fuselage for the conversion, no new certificate was issued to that plane when it was last in England as it was not a complete flying unit at the time.

Worse is to follow: the previous float Auster (the F.I.D.S. one) arrived out here with a Certificate of Airworthiness from Britain which specifically stated that the aircraft was not to be used as a commercial passenger carrying machine in the way that we use it. That means that even allowing that our engineers were qualified to certify the converted F.I.G.A.S. Auster as fit to fly out here, they certainly could not say that it was fit to carry passengers. Halls may not fortunately be aware of the fact that the plane should not carry passengers, and so we may never hear any more about this point, but it means we shall have to word the reply to the Secretary of State pretty carefully. Very roughly I suggest that our reply follows the following lines:

"Plane maintained in state of complete airworthiness by competent engineering staff and is certified as airworthy before each flight by qualified engineer. No Certificate of Airworthiness granted to planes in Government Air Service as there is no competent inspecting body in the Falklands to take the place of the Air Registration Board, but am satisfied that standard of maintenance here is up to that laid down by I.C.A.O. Shortly before failures complained of by Halls, plane was flown by very experienced Fleet Air Arm pilot (Captain J.Ievers O.B.E., R.N.) who was completely satisfied with the standard of maintenance, and plane was flight tested by pilot holding Air Line Transport Pilots Licence (Mr - Jessup of Aquilla Airways) shortly after incidents: his report was also entirely favourable. This system of maintenance has now been in operation for two and a half years with the same Superintendent Engineer without previous mishap."

526

The above could be polished up and contracted, but contains the bones of my suggested reply. You may think it peculiar that I have not quoted Mr Spencer as a referee, but I feel it would perhaps be better not to because in his post immediately prior to his joining F.I.G.A.S. he killed his employer in a crash and very nearly lost his licence in the subsequent inquiry! His record will be held at the Ministry of Civil Aviation, and although we may regard him as an exceptionally good pilot, they may not! So far as I know Ievers and Jessup have escaped similar unpleasgant incidents!

H.M. 26. V. Hackle

P.S. Before any reply is sent I feel it would be as well to check with Messers Smith and Jones that the details are correct. As a matter of fact they stand to loose most in this matter if things do become difficult for us - certainly Maurice Smith may loose his licence through it, so it is only fair to keep them in the picture.

acs de view of last perce (not P.S.) and be filed where p?? und "applied in the p?? und

YE. Pae see (29).

I await A/m, comments on X/, but we have fully qualified from shaff. Though not included in the report the Hall, bow the Board that he had every confidence in fronth , the other fromis staff.

- 2) Hall, did not ask for an cupining .- it was boot who decided on it.
- 3) Hall had no acces to the Board, an production report which has been seen only by 4.5., 6 Captain Homastle, SP/14 & Sono. Ha If there was no leak' to be could only have game This impression after a conversation with me when I was descussive his plane.
- 4) He is not being shipped home this contract was terminates as he could us longer the. It was also proposed to give him full of camed leave + 2 kay during bene pito passage.
- 5) 8/2/ is the dangerons bit which I think The Halls showed be taken up on with a view to cancelling any benefits proposed by Gov' unless he with have the statement.
- 6) His contrad was terminated as a result of the medical board though it could have been done under the Come of Enging. The former course was Nation out of sympathy towards lemand r Hales.

7) Juile dreft after I have seen wfor tomorrow. 2.85 upper in 9

We are up here to his Sto

5424 the yr Iraft telegren life at even. I am to discuss at noon to day. 2) Note from tofor altached to draft. 2725 .0.0 2 James I

I have dug up some useful information re Cent. peaks of air worthiness but I fear that the whole story in the file cannot be formit despite search at these, Fills & Mas Mis. 2) It would appear that we are working on page (28) flagred of the air hand alion / Colonies) asa 1927 altached. 3) Allaches also is pertradio from an Copies files) is on letter to an altodo' BM. Y

Ge1

 $\alpha - \lambda$

Bel Inc.

1000 mm 107 10

And make

in most sing .

Bed on dad - and and a start of the start Suspendieren, D. 100

646 40

Frank ale 10 his reply at @ on FIGAS/1 attached. No. work of the Our onquial shores cerbandy have been put in the same file but was not a there is no indication of a follow up to (2) horreli.

4) I wones deduce, North 75 will remember the bistory . That

a) be are satified that 96 can une out prates of an wortherites. I this is borne out by the permittimate para of (2) Granfi.

b) we then ar planes the best method of selling the planes inspected to 45; salisfaction A decided that trinidad BA on Ronke were out of the two wy againent of first was the answer. and the beginner and

Iraft belegram in FIGAS(7 rean builted with amendment in line 2. We have erred in not having an annal certificale but as 75. can usie me + is always prepared to

are covered. 28 15 Luce writing the above minite (125 on FIDS/74 altached has come to hight. Therein it as spas the original C PR of the ansta used down south a subsequently used here. 3) It specifically prohibits the carriage of passangles when it was converted into a float plane. By stretching the law, however, I think perhaps 25. powers under the toda in Commail referres to above would enable you to amend by means of the ising of a fresh cent. Theale. We have Got Bulles shen Raymon to kink for their muddle - they will there are broke up all my AD's files withink to much as a recurd of what they has some of I have seven been able to god an hands on anything since . It has taken our 2n. years to dear up the results of their deployable medding - a within muddling - and I shill keep on curry up against defundles and as the promit. hummer grule saluped that we are in adar

Quange for annual monder for the the Work India _ it wruld and, it have my least, £ 1000 - 1500 p.a. and is it for the quartier.

I have sharpened up the the which shared he supported in most of statement from SHD. I have a whose ansaud two separed have blockgrand is addition to his Not any has he fuller down in the job but he is nows breaky up the organisation to down down such table resid.

MC 28/

Ineg I deside his from I file fring it. yt bef: tis chaft blyram Thave shown to open this only com 2) I feel that perhaps pare 2 1 22 not been answerd specifically of perhaps symethetic attitude towards him comes strened more. Mic. 21 2085

aged. H. angrand d - X of paral of death romand. administers by SMO .

Digt. D

(Ht Le inc)

Ref (34) YE. many Suggest insertion after 'medical grows' of interests Kappeng pusti pration existed K' in his own for so doing on manpakage the grands of his man 17 milust. 295 Is this shutby concert? Would we have be $\tilde{\mathbb{T}}^{1}$ in terminely the central on the car S. 1-2.9 he 30/ Spoke. anend above and in dealt . he so 100 0 28/ ingen M. Lipe I was free to

DECODE.

TELEGRAM SENT.

Sectory Lag

4.1

From GOVERNOR to SECRETARY OF STATE.

31.5.52 Despatched : Time : Time : Received : CONFIDENTIAL In the Colory No. 84 Your telegram No. 73 Confidential . A. S. Halls, Government Pilot. My Colony Despatch No. 123 Confidential already enclosed in mail refers. Aircraft properly maintained in airworthy condition to my full satisfaction by qualified engineer and experienced mechanic. No complaint made this score hitherto by Halls who in fact informed Board of Enquiry that he had every confidence in Engineer. He did not repeat not ask for Enquiry which was in fact convened by me for reasons stated in my Despatch No. 123. Findings were as quoted by him though he must presumably have deduced confidential rider. He is not being quote shipped home unquote but has been grounded and given three months' notice of termination of though every justification existed contract on medical grounds in his own interests/for so doing on the grounds of his flying conduct:. Statement by Senior Medical Officer follows in mail. It had been my intention subject to his good behaviour to give him all such ex-gratia benefits as half pay during passage and earned leave although we shall have had no work out of him for three months. Koronghle

2. This individual has been a bad investment. He arrived in Colony without valid licence despite requirements of advertisement although to some extent I blame 66/6276/8 Crown Agents for this. See my /26 No 281/51

> He appeared from the beginning to be unwilling to profit from the advice or instruction of the senior Pilot, Spencer, and his method of flying was the subject of unfavourable in which I was one of After a quite inexcusable display on 10. 1. 52 comment. his unhappy passengers I found it necessary to counsel him against low flying which is particularly dangerous here. He had no explanation to offer than that he thought it to be safer and a few days later complained that his nerve had gone. He was given a month's holiday (at great inconvenience, Spencer having already left) and upon his I am firmly persuaded that three of his return was restricted to emergency flights. the alleged "accidents" to which he refers were devised by himself as he did not wish It is of interest to note that the Auster was flown to do any further flying. immediately before the last "accident" by Captain levers a most experienced Fleet Atr Arm Pilot and immediately after the "accident" by the 2nd Pilot of the Falkland Ishands Company's charter plane. Neither found anything wrong with the machine.

3. It is significant also that there was ho accident during the whole of the previous pilot's service (extending over three years) except to one of the land Austers due then entirely to an insufficiently drained landing strip. 4. It would appear that Halls having proved himself inadequate is now bent destroying the organisation to which he has done such little credit and which before his most regrettable engagement had won the confidence of every man woman and child in the Colony. He has been treated with considerable generosity which I now feel disposed to review.

2

5. I suggest that Department should invite late Pilot to attend for interview and should refer British Air Line Pilots' Association to him. It may open their eyes. Spencer's address is

186, Edge Lane Drive, Broadgreen, LIVERPOOL, 14.

Cypher. WH.

dipoteia adul 101 L

the of Diversion

al some in

14.50

in Gulory willout

it aiving or the tracks identify to foot de in which I was one of burt low flying which is tions that he thought its cod gone. He was given and to notify their believes interest? as he did not will molt any todard we and Pilot of the Palkiend wong with the modulue. at to elode edd galade of the inal add to eas to the land mine halfned healen

in additioned 10 JUG BROW S. This valid Lidenco-Second among hereages all ines wert to . foreignog his unbeyout pass and the loss of the 1 the trine of of a south's builtony (coloring and gradets. weidens" begelle mit . I weithout you all us t saintely before the ten Pilot and Lalenda Oregeny + the at at it.

LLCI W

GOVERNOR

"Interventary Jeans and

field will no people

.......

greving pilot's an

F. I. ref: 0270/1. C. O. ref: 004 65/185/02.

SAVING TELEGRAM.

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary of State for the Colonies.

Date: 1at July, 1955.

44-

No. 114 SAVING. CULLIN.

Your Circular 226/55. Statistics on Aircraft Accidents.

to aircraft accidents some red in this territory during 1952.

G. Vistik ..

Bu 31/2/53

anatytimates Bo. with conf. file-White they can be amalpunated but



C.O. Ref: COM 177/192/02

02701

MEMORANDUM C.M.2.

CIRCULAR 204/54

4th March, 1954.

/5.

314

60

STATISTICS ON AIRCRAFT ACCIDENTS

With reference to Colonial Office circular 1.1 No. 226/53 of the 4th March, 1953, a copy is enclosed of a form for the reporting of accident statistics (Form G) which has been drawn up by I.C.A.O. and which modifies in some respects the information which Colonial Administrations have hitherto been asked to furnish for I.C.A.O. in respect of aircraft accidents.

It will be seen from the instructions on the 2. back of the form that the most important change is that information is now required by I.C.A.O. only in respect of operators engaged in public air transport, either scheduled or non-scheduled, and that no return will therefore be needed in future from those territories in which no such operator is registered.

The operating statistics now called for are 3. the number of landings made (i.e., stage flights) and hours flown. The latter figure has not previously been asked for but there will probably be little difficulty in obtaining it for the scheduled operators. In the case of the United Kingdom, I.C.A.O. has been informed that it will not be possible to provide either of these figures for the non-scheduled operations of the independent operators registered in the United Kingdom and it is presumed that similar difficulties will exist in Colonial territories.

Colonial Administrations in whose territories 4. operators engaged in public air transport are registered are asked to submit the completed return annually in triplicate as soon as possible after the close of each year, commencing with the return for 1953. Other administrations should submit a brief statement to the effect that there are no such operators registered in their territories. It is appreciated that in some cases returns for 1953 have already been submitted in the form previously required and the duplication of work involved in the preparation of new returns is regretted.

THE OFFICER ADMINISTERING THE GOVERNMENT OF THE FALKLAND ISLANDS.



2 .

5. Unfortunately stocks of the new form at present available are insufficient to allow a distribution of more than one copy to each administration. Additional copies are, however, being obtained and will be despatched by circular note as soon as possible. Thereafter additional copies may be obtained as and when required direct from the following address:-

Ministry of Transport and Civil Aviation, Department EICA3, Berkeley Square House, Berkeley Square, London, W.1.

6. This modification of the requirements of I.C.A.O. in relation to accidents to aircraft does not, of course, affect the desire of Her Majesty's Government to be informed, as indicated in my predecessor's circular despatch (2) of the 30th June, 1950, of all accidents to aircraft occurring in Colonial territories or to Colonial registered aircraft elsewhere.

7. This circular has not been addressed to the Governments of Brunei, Northern Rhodesia, Nyasaland, St. Helena and Seychelles. It has been sent to the High Commissioner for the Federation of Malaya under cover of a separate despatch.

B

Reply at 63

COLONIAL OFFICE, The Church House, Great Smith Street, London, S.W.1.

HCS of this really necessary? To work out the number of landings made by the three aircrift used during 1953 as required will be a maja job, & all the other columns, other than flying trous, will be -vil returne. 0 13.4 as the amphasis appears to be on accidents ~ me have fortunesely none to refore, we might igne bac. 13 on the Reporting Dorm The 1953 & Dec ather happensit? I what the form the want it appenently-happensit? I what the form the char of the in relation to the hours flow ?



62

H.C.S. Sluging hours (1953) = 427 haudings + lake-offs (1953) = 1300. A 25. IN.

E. I. ref: 0270/I.

C. O. ref: CO: 177/192/02.

SAVING TELEGRAM.

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary of State for the Colonies.

Date: 3rd May, 1954.

No. 76. SAVING. COLONY.

ACT

60 Your Circular 204/54. Statistics on Aircraft Accidents. Enclosed is return for 1953.

file ank for summer ge

F. I. ref: 0270/I C. O. ref: COM 177/192/02

SAVING TELEGRAM.

From: The Officer Administering the Government of the Falkland Islands.

To: The Secretary of State for the Colonies.

Date: 7th March, 1955.

No. 59. SAVING. COLONY.

GV Your Circular 204/54.

Statistics on Aircraft Accidents.

Enclosed is return for 1954.

GOVERNOR'S DEPUTY.

GOVERNMENT TELEGRAPH SERVICE

SENT

¢	GOVERNMI	ENT TELEGRAPH	SERVICE	405
1.		FALKLAND ISLANDS		14
•		SENT		
umber	Office of Origin	Words	Handed in at	Date
				11.2.57.

COMMANDING OFFICER HMS PROTECTOR

A/C HO

0270/1/72 OUR DISCUSSION ON HELICOPTER ORASH REFERS STOP
SUBJECT YOUR APPROVAL GRATEFUL IF YOU WOULD INFORM COLMANDER
TREACHER THAT I HAVE APPOINTED HIM TO BE CHIEF INSPECTOR OF
ACCIDENTS AND LIEUTENANT BRICHAM THAT I HAVE A POINTED HIM
TO BE AN INSPECTOR OF ACCIDENTS UNDER SECTION 6 OF THE CIVIL
AVIATION INVESTIGATION OF ACCIDENTS REQUILATIONS OF 1951 FOR
PURPOSE OF INVESTIGATING AND REPORTING ON ACCIDENT TO BELL
HELICOPTER 47D1 WHICH ORASHED IT TOWERS ISLAND ON LOTH DECEMBER
1956 STOP INVESTIGATION WILL BE CARRIED OUT INDER SECTION 7
WHICH PROVIDES THAT INSPECTOR MAY SUMMON AND EXAMINE ANY
PERSON HE THINKS FIT AND CALL FOR ANY INFORMATION DOCUMENTS
OR ARTICLES WHICH HE CONSIDERS RELEVANT STOP HE MAY TAKE
STATEMENTS AND REQUIRE ANY PERSON TO MAKE AND SIGN DECLARATION
OF THE TRUTH OF THE STATEMENT STOP INSPECTOR MAY PAVE ACCESS
TO AND EXAMINE AIRCRAFT OF ANY PART OF EQUIPMENT AND HE MAY
EXAMINE REMOVE TEST OF PRESERVE AIRCRAFT OF ANY PART THEREOF
STOP INVESTIGATION SHOULD BE HELD IN PRIVATE STOP ANY PERSO

GOVERNMENT TELEGRAPH SERVICE

2

umber	Office of Origin	Words	Handed in at	Date
		.9		
		1		
		- 2 -		
WHO MIG	HT APPEAR TO BE BI	AMEWORTHY SHO	JLD BE GIVEN OPP	ORTUNI T
TO MAKE	A FULL STATEMENT	STOP CHIEF IN	SPECTOR SHOULD S	UBAIT
REPORT	IN DUE CORSE TO M	E STOP I AM A	DVIEED THAT LOG	BOOKS
HAVE AL	READY BEEN FORWARD	ED TO LONDON		
		OAG		
				_
6	no al FiD	55/15	79	
	1			
		*		
			06	

On His Majesty's Service.

Exhibit i ...

(See 28-50 in \$270/1)

