Confidential Filing

Meesting with Mr Alan Bond about Autonip Industries Hd.

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PRIME MINISTER

July 1984

Referred to	Date	Referred to	Date	Referred to	Date	Referred to	Date
Referred to 4.7.81. 31-7.84		Referred to	Date	Referred to	Date	Referred to	Date



From the Minister of State for Industry

Norman Lamont MP

Alan Bond Esq Chairman Airship Industries (UK) Ltd 2 York Street LONDON WIH 1FA

DEPARTMENT OF TRADE AND INDUSTRY 1-19 VICTORIA STREET LONDON SWIH OET

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PS/Love Trefgarue PS/Mr Butcher

PS/Sir Brian Hayes

Mr Croft

Mr Allen

Mr Michell - on return

At your meeting with the Prime Minister on 6 July, I undertook to respond to your request for further Government financial assistance to Airship Industries (UK) Ltd for the Skyship 600 programme as discussed during the meeting and elaborated in your letter of 6 July 1984 to the Prime Minister.

I have given very careful and sympathetic consideration to the company's request for a further pre-production order in respect of the Skyship 600 as well as to your alternative request for launch aid. But I am afraid I have had to conclude that further support would not be justified. As you will realise, the Department is in receipt of many applications of merit for Government financial assistance; but in pursuance of the Government's policy on public expenditure and the desirability of reducing the burden on the tax payer, the Department's budget is limited and there are insufficient funds available to allow us to provide assistance to all applicants, let alone a second round of assistance. I realise that this decision will come as a disappointment to you but you will understand that we have many competing claims before us some of which must inevitably be refused.

Your request for a feasibility study and a revision of the lease terms for Cardington falls within the responsibility of the Ministry of Defence who will be writing to you shortly on these points.

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Pm: May with Bran Bond July 84 ASSOCIAL PARTY OF THE PARTY OF 0 7 0 0 A WAR

cc Subject! Mr Man Bono (Ens sent to DT) 10 DOWNING STREET From the Private Secretary 9 July, 1984 MR. ALAN BOND Your Minister of State for Industry (Mr. Lamont) was present when the Prime Minister saw Mr. Alan Bond on 6 July. Mr. Bond had asked for a meeting to discuss the affairs of Airship Industries Limited. The Prime Minister was most grateful for the background brief supplied with your letter to me of 4 July. Mr. Bond made two requests for Government assistance with the next stage of Airship Industries' development. First, he sought an assurance about tenure of the premises at RAF Cardington currently leased by the company from the

Mr. Bond made two requests for Government assistance with the next stage of Airship Industries' development. First, he sought an assurance about tenure of the premises at RAF Cardington currently leased by the company from the PSA, together with a reduction in rent; and secondly, he asked the Government to consider an application for launch aid of £20 million to get the Skyship 600 into production. The Bond Corporation would be prepared to assist with additional finance, but if Government aid on the scale he had outlined were not also forthcoming, he feared that the company would move its centre of operations to the United States.

The Prime Minister said that requests of this nature fell to be considered by the Department of Trade and Industry. The Department had many other calls on its funds, and the chances of Mr. Bond's requests being met could only be regarded as slim. If the project were as profitable as he suggested, it should be possible to attract further private finance. Your Minister of State added that launch aid was not, in any event, appropriate for the purpose described - it was intended to help fund the cost of building prototypes, and Airship Industries were already past this stage.

Mr. Bond responded that he understood the role of your Department in these matters, but he was disappointed by the

/slowness



INDUSTRIES (UK) LTD



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Date 6 July 1984

Right Honourable Margaret Thatcher M P 10 Downing Street LONDON

Dear Prime Minister

The purpose of this letter is to precis for you the points under discussion at our meeting today; in the hope that this might assist you in consideration of the case for Governmental support for Airship Industries (UK) Ltd. In summary form, the points are as follows:

1 Company Status and Achievement

I describe to you a company which has progressed in a remarkably short time from a small band of enthusiasts working on a high risk research project, to a significant new force in Britain's Aerospace Industry, employing some three hundred in its' direct and indirect activities.

The product to date is two fold; first a small but commercially viable airship, Skyship 500, which has progressed through design and development to the point of achieving full Passenger Transport Certification and has already penetrated the hard markets of the USA and Japan. Second, the Company has produced and flown a stretchedversion, Skyship 600, which is seen as having an acknowledged market in the world para-military surveillance scene.

The Company has reached the status of being recognised by the U.S. Department of Defence, and by the electronics giant Westinghouse, as being a lead contender in bidding for a design and built competition for a very large airship for airborne early warning/command and control/ anti sumbarine roles with the U.S. Navy's battle groups. Success in this competition would not only carry obvious export benefits, but would place a design "on the shelf" against future U.K. defence needs.

All the above has been achieved on essentially private sector funding, with the sole exception of a short term loan of £1.25m under the Trade and Industry Department's pre-production order scheme.

2 Potential

We believe that the Company's current and future designs have significant potential in a variety of ways:

First the Skyship 600, planned for series production, provides a cost effective option in surveillance roles and is particularly suitable for Exclusive Economic Zone policing work. Because of its low requirement for a development support infrastructure it is highly attractive for performing its role in remote areas and this for export to Third World Countries.

Contd/...

Secondly the larger airships, typified by the design project "Skyship 5000" will be effective in the defence role of maritime force support; acting as a "force multiplier" with current airborne early warning aircraft and thus effecting overall economics in the total inventory requirement.

Thirdly, we believe there are realistic technology "spin-off" benefits for the aerospace industry in such aspects as:

Application of the fibre-optic control technology being successfully developed jointly with Marconi, with the airship as a vehicle; adding impetus to the development of structural composite materials by the light aircraft industry;

Providing an export framework for product of the defence electronics industry, and supplying an economical "Skylab" vehicle for use in other research and development activities.

3 The Problems

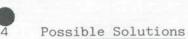
The Company's progress to a self sustaining revenue situation has been protracted; due not least by the necessity for the government's certification agency, the CAA, to develop with us a realistic set of airworthiness standards for a modern airship. This process is now largelycomplete, leaving the UK as the only country with an effective airworthiness code, but has resulted in our consumption of some £15m of privately raised development funds. To maximise our chance of being awarded the prize of a U.S. funded development of a large airship, we need to be strengthening our design team now; at the very point where our resources are most strained.

Further, to maintain the momentum toward a secure future, we need to launch the Skyship 600 into quantity production; this will require funding which, although very modest compared with conventional aircraft, is very significant for us.

We have of course approached your governmental departments to discuss assistance programmes. We have spoken with Lord Trefgarne and Mr. Pattie on the possibility of defence funding, but in the absence of a stated defence staff requirement and of financial provision in forward costings, the funds which could be made available taking also into account budget restrictions, are of small order. We have also approached Mr. Lamont of Trade & Industry for support under the preproduction order scheme by purchase of the development Skyship 600 prototype for some £2m. He is considering our request, but again we cannot be encouraged by the prospects of any substantial funding assistance.

Another, and very worrying, problem is the security of tenure of our present lease of assembly space in the large airship hangar at RAE Cardington. We understand that this facility is likely to be offered for disposal together with the adjacent land which we use for airship operations.

We have of course looked elsewhere for assistance. In the course of assembling two airships for operation in the USA, we have achieved an agreement with Westinghouse for the effectively free use of an airship hangar in N. Carolina, and we have had substantial proposals for government assistance in Canada. We are convinced however that the corporate base of the Company should be retained in UK, where the primary assembly line is close to our major component manufacturers in England, France and Germany. We are sure that you would share our concern that this exciting technological and industrial opportunity might be lost to this country because of the inability to find capital support here.



We are of course seeking further capital in the private sector. Six months ago, seven million pounds was raised by a rights issue in the UK, which the Bond Corporation underwrote and subscribed three million pounds. Of the further funding required for launch of the Skyship 600 into production, the Bond Corporation will undertake to subscribe another five million pounds, demonstrating its conviction of the potential of Airship Industries.

However, we believe that to be certain of ensuring a position which can build on the existing achievement, further launch funding is required and we would respectfully request that your government consider the application of funds for launch aid to the extent of £20million in some form of grant or long term loan.

Secondly, a funded feasibility or design study of the order of £0.5m would, if placed in the very near term, help enormously to prepare our team to compete in the US Navy's project; and lastly a solution to our problem at Cardington might be found in the grant or low rental lease of that facility.

Finally, may I express my sincere gratitude to you for sparing the time from yourundoubtedly very busy schedule to permit our discussion today. In an attempt to respond to your kindness, may I place permanently on record my invitation to you to visit us at Cardington and fly in a new generation of airship.

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- but the company is still in serious financial difficulty;
- as a result, DTI are unlikely to approve their request for additional support of £2 million. In their view "the keys to longer term survival and development are the attitudes of the Bond Corporation and the market to the real financing needs of the company and the validity of its revenue earning projections".

Mr. Lamont would like to join the meeting, if you agree, and I have provisionally arranged for him to do so.

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JU687 PS / Secretary of State for Trade and Industry

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4 July 1984

David Barclay Esq Private Secretary to the Prime Minister 10 Downing Street London SW1

Dear David,

PRIME MINISTER'S MEETING WITH MR ALAN BOND: 6 JULY 1984

I attach background briefing on Airship Industries Ltd for the Prime Minister's meeting with Mr Alan Bond in his capacity as Chairman of Airship Industries Ltd. The briefing has been prepared in consultation with the Ministry of Defence and the Department of Transport.

- 2 Mr Bond, who has been involved with the company since his Bond Corporation underwrote a £7 million rights issue in March, can be expected to urge that further Government financial support be offered to the company to help it overcome its current financial difficulties. Though some £20 million of private sector equity funding has been raised in the past 3-4 years (in addition to Government pre-production order assistance of £1.25 million), the company has consistently under-estimated the time and costs of translating its activities from a development to a commercial phase.
- Whereas initially the company stressed equally civil and military uses for airships, it now seems that in the short to medium term (or until a larger version with greater passenger carrying capacity is available) the greatest potential lies in military or para-military applications. MOD have confirmed their own serious interest (and that of the United States Navy and Coastguard Service) in further evaluation of the capabilities of airships and acknowledge that Airship Industries have established a clear world lead in the development of a modern technology non-rigid airship. In addition to the existing pre-production order assistance (in respect of which the company sought, and the Department agreed in April, an extension of the repayment schedule) Airship Industries has submitted an application for a second pre-production order for £2 million (+ VAT) for the larger Skyship 600. When he met the company in June, Mr Lamont warned that he was pessimistic of the application being successful but promised that it would be given detailed consideration.



The Industrial Development Unit's (IDU) preliminary report reveals that the company has critical short term financial difficulties and that on the company's own projections net additional funds of £20 million will be required over the coming year to support its operations until sales revenues exceed operating costs. Further Government assistance could make a significant contribution but it is doubtful whether, in isolation, it would ensure even short term survival. Uncertainty about the validity of the company's forward trading projections and the credibility it will have in seeking additional funding from existing or new investors and the banks is so great that the conclusion drawn in the IDU's preliminary report is that there can be no further justification for committing further public funds at this time.

5 In view of his involvement in the company's applications for DTI financial assistance, Mr Lamont hopes, with the Prime Minister's agreement, to attend the meeting with Mr Bond. I should be grateful if you would let his office know whether the Prime Minister would like him to do so.

6 I am copying this letter and enclosures to Nick Evans (MOD).

Jam ent, Adurhan Andrew Lansley

Private Secretary

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PRIME MINISTER'S MEETING WITH MR ALAN BOND : 6 JULY 1984

AIRSHIP INDUSTRIES (UK) LTD

Line to Take

- The Company's proposals for further financial support from DTI are receiving urgent and careful consideration. Your Company's application to MOD for funding of a £500,000 Feasibility Study is also receiving careful consideration.
- Funds for support of civil projects such as this are very limited and there are many competing claims, all of significant merit. I cannot therefore hold out any expectation that your application for further financial support (in the form ofa£2m Pre-Production Order for Skyship 600) will prove successful.



PRIME MINISTER'S MEETING WITH MR ALAN BOND: 6 JULY 1984

AIRSHIP INDUSTRIES (UK) LTD

Background

The Company

Airship Industries was incorporated in 1978 and the core of the present design team goes back to 1971. The company is now concentrating wholly on non-rigid airships. In 1983 the company was launched on the Unlisted Securities Market.

2. The company's first commercial project is the Skyship 500, a helium-filled non-rigid airship capable of carrying up to 12 passengers or equivalent load at a maximum 60 knots. Production began in 1983 after a £5.8m rights issue. A further £7m rights issue was made in March 1984, underwritten by the Bond Corporation and resulting in that company holding 31% of Airship Industries' equity. Other significant shareholders are European Ferries (Mr Keith Wickenden was formerly Chairman of Airship Industries), Royal Bank of Canada, Commercial Union, Legal and General and the Kuwait Investment Office.

DTI Assistance

3. With Mr Lamont's approval in March 1983 the Department placed a pre-production order for Skyship 500-02 for £1.25m (plus VAT) and leased the airship back to the company to enable it to complete certification and offer trials to prospective customers. The company was due to repay £1.087m (plus VAT) to the Department by August 1984.

- for Innovation budget is severely constrained and the Department decided in December 1983 that in future pre-production orders would only be placed in very exceptional circumstances.
 - 6. The company has also received a grant of £125,000 under the Department's fibre-optics scheme.

Present Situation

- 7. The company's request to the Department for a pre-production order for Skyship 600-01 remains on the table.
- 8. On 2 May, the company made a presentation to Lord Trefgarne on the prospects and defence applications for airships. On 14 June, Mr Lamont met the company to discuss their request for further Government assistance. At that meeting, the company confirmed that it was again facing serious financial problems.



Mr Lamont stressed that funds for assistance of the type sought were severely limited and that he was fairly pessimistic of the company's chances of success in their application, but promised that it would be given detailed consideration. Accordingly a detailed examination of the company's financial position and prospects is currently being undertaken by the DTI's Industrial Development Unit (IDU).

- 9. The preliminary IDU report (copy attached) discloses that, based on the company's own current projections, further net additional funds of some £20 million will be required to sustain the company's operations until mid-1985 when it is projected that sales/lease revenues will begin to exceed operating costs. The company proposes to raise the additional funding from further rights issues and bank borrowings. Short term cash forecasts show however that the company will not be able to meet its outgoings over the next three months without immediate new finance.
- 10. Though a DTI pre-production order could make an important contribution, it is doubtful whether in isolation it would ensure survival of the company even in the short term, without a substantial injection of additional new finance from the Bond Corporation and/or other shareholders and the banks. The IDU report therefore concludes that there is no justification for committing public funds to the company at this time.
- 11. The company currently employs approximately 200 people in London and at Cardington (Bedfordshire) where the company has its assembly and operational base in a pre-war airship hanger leased from the Royal Aircraft Establishment (through PSA). The RAE are withdrawing from Cardington in January 1985, but while the possibility of a defence requirement exists the property will not be passed to the PSA for disposal.

- 16. In addition to the US Naval interest the Skyship 500 underwent Summer 1983. MOD have confirmed, on the basis of the two week trial of Skyship 500, an interest in pursuing evaluation of modern technology airships for a variety of military or para military applications. A similar short trial of the larger 600 version had been planned for July 1984, but the company recently advised MOD that these trials would have to be deferred as the 600, with an electro-optic flight-control system ('fly by light'), would not be ready in time. Depending on the results of these trials, MOD would give consideration to the acquisition of one or more Skyships for intensive testing and evaluation by a joint services trial unit.
- 17. MOD's financial involvement to date amounts to date to less than £100,000. The Company recently met Lord Trefgarne in connection with their request for funding of a £500,000 Feasbility Study, which is currently being considered.
- The Prime Minister will wish to be aware that the MOD has also received an approach from a firm, Wren Skyships Ltd, who are preparing proposals for a much larger, "rigid" type aircraft. In particular Wren have asked to be allowed to lease hanger accommodation at Cardington. It is clear that Wren's ideas are, for the present at least, someway behind those of AIL. Wren have similarly approached DTI with an enquiry about start-up assistance.
- 19. MOD confirm firm interest by the US Navy and US Coastguard Services (USCG) in airships as a cost effective alternative to surface vessels, aircraft or helicopters in many applications. The USCG is shortly to begin 9 months of intensive evaluation trials with a Skyship 600. Growing concern about drug smuggling

on the South Eastern seaboard has caused USCG to bring forward by one year an expanded counter measures programme. USCG recently confirmed to MOD officials that the Skyship 600 is currently the favoured candidate and if the forthcoming trials go well they could ultimately have a requirement for up to 50 airships of the 600 type.

- 20. The company recently concluded its first commercial sale of a Skyship 500 to a subsidiary of Japan Air Lines for feasibility studies and crew training with a view to starting commercial operations in Japan in Summer 1985. Other prospective commercial sales appear to have been/pending certification to full transport category.
- 21. Another Skyship 500 is currently on a 6 months lease to Dentsu Inc (an advertising agency) on behalf of Fuji Film. It will be based in Los Angeles for the Olympic Games period.
- 22. In the UK, Airship Industries should benefit from Department of Transport's recent relaxation of the aerial advertising regulations. A statutory instrument which came into effect on 7 February 1984 removed the blanket prohibition on aerial advertising so as to allow advertising by banners towed by aircraft, balloons and airships. The intention to relax the prohibition was announced by Mr Iain Sproat in July 1982 but progress was disappointingly slow because of lobbying by environmentalists and local authorities.

COMMERCIAL IN CONFIDENCE



FINANCIAL POSITION AND PROSPECTS

Airship Industries Limited financial results for the last three years and projections for the next are as follows:

	Actual			Forecast		
£000 Period to	Jan	March		June		
	1982	1983	1984	1985	1986	1987
Turnover - Airship Sales		- 4	_	4.0	9.0	38.0
- Airship Leases		-	0.4	10.2	38.1	61.4
	-			-		7
- Total	- 7		0.4	14.2	47.1	99.4
Profit/(Loss)	(1.7)	(3.7)	(5.8)	(8.1)	16.3	55.3
			_		-	
Assets Employed	2.5	3.4	4.9	18.8	31.5	36.8
Financed by Share Capital	6.0	13 9	13 2	24.4	24.4	04.4
Accumulated (Deficit)/Earnings	(3.9)	(7.6)	(13.4)	(21.4)	24.4 (5.1)	
			10.01			_
Convertible Loans	2.1	6.3	(0.2)		19.3	74.6
Other Loans	0.3	0.3	6.9	6.9	6.9	6.9
Bank (Balances)/Borrowings	0.1	(3.2)		8.9	5.3	(44.7)
	2.5	3.4	4.9	18.8	31.5	36.8
					4	

The results up to March 1984 reflect four years of investment in research, development and manufacture of prototype, trial and first off production skyships amounting in total to almost £20m, against which the only revenues have been the £0.4m of Lease income reported in 1983/4 and the sale to the DTI for £1.25m of Skyship 500-02 under a Preproduction Order (which is due to be repurchased by December 1984). This investment has been financed by a series of share and loan stock issues, the last in March 1984, the proceeds of which had largely been used-up by the end of that month.

The projections from April 1983 assume that with certification of the Series 500 Skyship in July/August 1984 and the Series 600 in early 1985, the company will begin to earn substantial revenues from both sales and long and short leases:

Skyships - Nos	1985	1986	1987
- Sold in the year - On Lease for all or part	4	2	15
of the year	8	19	27
Revenue - £m	8.4	47.1	99.4

COMMERCIAL IN CONFIDENCE To achieve this revenue earning capability, the company has to finance the production and marketing of skyships to the point where revenues routinely exceed operating costs. The projections suggest that this will occur in mid-1985, by which time the business will have absorbed net additional funds of some £20m over those available at 31 March 1984. The company proposes to raise the additional funding from £5.6m - further rights issues in - September 1984 £5.6m - March 1985 £8.8m - bank borrowings It has two major problems in raising this finance (1) in convincing the market that the business can justify further funding so soon after the March rights issue which made no mention of further calls: (2) in surviving until the proceeds of the proposed September issue can be collected. Current short term cash forecasts show that the company will not be able to meet its outgoings over the next three months without immediate new finance. It has three possibilities: - renegotiation of borrowing limits with its bankers. The current facilities are for £4m but borrowings above £1.25m have to be covered 1.5 times by trade debtors. The prospects of obtaining a "bankable" sale or substantial lease contract in the period, to make use of the additional facility, are slim: - temporary finance from the Bond Corporation either as an advance on its share of the September rights issue or as a down payment on a Skyship which it has suggested it may purchase in the next year: - a Preproduction Order (PPO) for Skyship 600-01 from DTI. This would, for the company, have the additional benefit of "underwriting" the September rights issue with a declaration of Government support. It is clear that immediate DTI funding through a PPO would make a major contribution to the survival of Airship Industries and the future of airships in the short term. The keys to longer term survival and development are however the attitudes of the Bond Corporation and the market to the real financing needs of the company and the validity of its revenue earning projections. Since neither have yet been tested and, since, if either fell short of what was required, the company would not survive, the can be no justification for committing public funds at this time. J G ALLEN IDU R.326-KH/212-0371 3 July 1984





10 DOWNING STREET

From the Private Secretary

28 June 1984

Mr Alan Bond

The Prime Minister recently met Mr Alan Bond, who is (among other things), Chairman of Airship Industries Limited. Mr Bond asked whether the Prime Minister would be interested in a brief account of this company's activities, and of the potential for airship transport in general. The Prime Minister has agreed to a short and informal meeting which will take place on Friday 6 July.

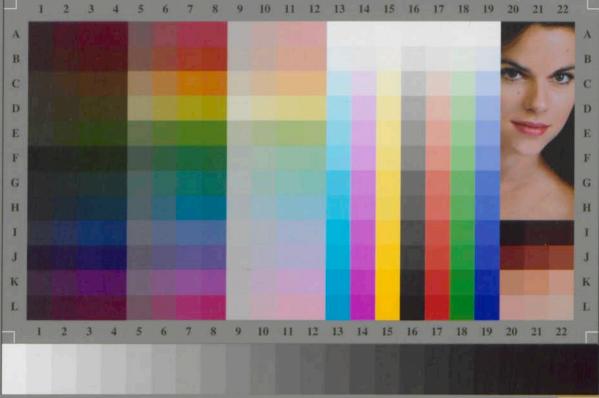
I should be grateful if you could provide a short background brief for this occasion, in consultation as appropriate with the Department of Transport. Could this please reach me by close of play on Wednesday 4 July?

I am sending a copy of this letter to Andrew Melville (Department of Transport).

David Barclay

Andrew Lansley Esq Department of Trade and Industry





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