Business and commercial Aviation









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AIRMANSHIP



Airports are like homes. They provide necessary shelter and comfort, but they are not as safe as they seem.

by Dan Manningham

"The port is near, the bells I hear, The people are rejoicing. -Walt Whitman

irports are the havens of avia-

meet, greet and eat. They are the There is an emotional comfort to the harbor at the beginning and end of a journey. There are no bells to hear. after a long voyage. To a pilot, the There are other reasons to appear

tween ground and air, stop and go, Unfortunately, airports can also be hazardous as well. True, airports do provide the shelter and servicing necenary for flight, and there is a certain

"A shin in harbor is safe, but that is not what ships are built for.'

-John A. Shedd Ships are safe in harbor, but usually

only when they are anchored or airport is safe enough once the hangar Airplanes are built to fly, and it



Turboprop Transition Forget control manipulation for a while and hit the books. The payoff will be a quicker transition and a high degree of confidence.

B/CA AUGUST 1996 VOL. 9 NO. 2
FOR COMMERCIAL OPERATOR MANAGEMENT



The Hidden Costs of Code-Sharing
The Second Tier: "Windows of Opportunity"

Getting

to this?...



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companies save

time and money by

operating their own



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RADAR ACCIDENTS

Airborne weather radar is not known to have caused accidents but, when used properly, it certainly can prevent them.



t all started because of thus storms. Someone realized that radar cally to detect water droplets, especially the large and numerous water those areas of heavy rainfall on a cockpit radar scope they could avoid the severe convective weather assohorne weather radar always has been predicated on that simple concept of guilt by association—that heavy rain is very likely an indication of turbs. lence. And it worked. By the early 1960s nearly all airline cockpits had been equipped with weather radar

Soon after radar's inception, it was discovered that radar systems were capable of detecting landmanner and obstacles. Accordingly, some pilots aid their navigational tasks, especial ly on overwater flights that tracked Not long after, pilots recogn

terrain features, thus providing added protection from inadvertent fligh "weather" was emitted from "air borne weather radar" in recognition of this system's broader capabilities While radar manufacturers may be somewhat reluctant to acknowledge these extra abilities of their systems they are readily available for the in-

Airborne radar has progressed from simple monochrome displays to to

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Are Corporate Airliners Still Viable?

Despite the waning of the "royal barge syndrome," a number of operators still swear by their BAC, Boeing, Douglas and Fokker airliners.

by Robert A. Searles

esy light departments have all the control of the control of the department of the control of the department of the control of the department of control of the control of

crossing operating costs, the image problems of operating composite airliners to-day, and the need to soft many of those days and the need to soft many of those to the contrastivents, the resulter of outperate air. Insers has actually increased in the late to pear. According to Actions Data Service of Wicklam, there were 175 piths on in sometime service at the end for the contrastivent of the contrastiven

65). It seems that the continuing popularity of the corporate sirliner can be attributed to the unique range-payload capabilities

of the close of aircraft. Virtually all of the operation contacted by RCA and the they are their compounts arithmen for intermetability and the control of t

Other operators also said that their cor-

porate jetliners are capable of longer legs

per presentely oring overlapee with the row the gap, one operator believes that there is 'no comparison on comfort' because range in an entoch a matter of passenger and crew endurance as it is a matter of the physical capibilities of the aircraft and that the large cubin of an airliter of feet the most relating way to travel. Boding notes that the interior of in 373 airliner in nearly a fost taller than most

business jets, over 20 feet longer than the longest business-jet cabia, and about 3.5 feet wider than the widest corporate jet. Such an ample cabin means that the interior room can be subdivided to create separate work, rost and eating access.

"That Jupace] makes the trip more comfortable," said the aforementioned 737 operator. "The passengers can get up, walk around, sleep, or have a meal prepared for them."

walk around, sleep, or have a meal prepared for them."

A Northeast-based operator who files a BAC One-Eleven and a Boeing says that the chairman of his company likes to use the airliness hitselfs as a second office.

When traveling, this executive often holds three to four meetings in the airplane each day—on the ground. Another advantage of the spaciousness of a corporate airliner is that there is room in board for the additional consummbers often needed on long trips, thereby eliminating the time and expense of pre-positioning crews during extended international missions. Also, an airliner's sample

m a "customer cultivation" trip. co Bigger Not Always Better p

Bigger Not Always Better pe But as nice as it may be to have all of on the capability of a jetkner at your dispoal, many corporations are concerned fa

than current heavy-into business jets. And department: manager claimed that had ablongly several new long-range business. company's reservatives could fill transcent jet penearily being developed will non-tirental as chargly in the firm's Rosing as resw the gap, one operator believes that they could in the company's GEL business there is 'no computation on comfort' hes-tuny almost always choose to fiy in the Geleaner range in an entals a natter of guarant. If because they are afrail of what they

they almost always choose to fly in the III because they are afraid of what per might think if they see the airliner to tand only three people get out.

Another flight department man said that he considered buying a Be

said that he considered buying a Boe but that his company's management or not want to purchase a 727 or 737 hecuthey are "ecognizable airliners." Subquestly, the department acquired a liner that is less well known. The nurway performance of corporairliners can limit access to some airpo

but as the BAC One-Eleven and Boeing operator and, monay limitation are "not fire operator and, munuay limitation are "not fire operator and a problem." Another operator of a BAC One-Eleven and." We oper (Colendo)" A that flight depart as ment manager and that he uses his Boein fight operator and the same fields as he does his one Bedovell Subreltners.

In fact, most of the corporate airlines

nen Beckwell Sabrelmers.

In fact, nose of the corporate airlines on personnel policy life, and the three camp erior non a 5000 feet airports. The chief plate Seated in the Southwest chained that lost links in more airport or the chief plate Seated in the Southwest or the Southwest chained that lost links in one airport to be signed duty with a Southwest lossed operation of the legislation of the policy as corporate jet in the southwest links and the because most general aircsing feet many new cost designed to handle airlines en, he calls his docturation airport in adventure of the southwest links and the because most general aircsing feet many new cost designed to handle airlines en, he calls his docturation airport in adventure of the southwest links and the sou

said that because most general avoistion ramps nor not designed to handle arbinner, be calls his destination algors in advance to make sure that arrangements to case be made to accommended the TET. While measure services may not pose a slig guideline to exposure priduce to the properties of the properties of the competition of the properties of the proceptors address in services ware district. Instituted over a decade age, January 1, as 1985 yas a institute of the properties of the 1985 yas a institute of the properties of the pro-

that all arthree-size aircrafts—the weighing 75000 prounds or more—most comply with PAR Part 65 Sign 2 or 15 by January 1995, although the so called Small Communities Ecomption allows one operator to contains to by monitors. Most of the composite-airliere operators EUCA talled to had contracted several years ago for fan treatments or hash kirk, which can cost from several handred thousand dollars up to about \$2 million. However, one speciate complianced about However, one speciate complianced about

year ago for fan treatment or shall kin, which can conf from werral handeds should define up to about \$Z\$ urlius which can conf from werral handed homework of the street of the street

Although making a originate airline noise complaint can be expensive, most operators figured that price in when they bought the airline and they do not regire their decision in loy the older jettine err. One operator elimined that you can still acquire a used airliner and refutish and the still a superator of the still a ence in acquitation price between a used airliner and a brand new heavy-iron basis perso jet, plue carrying costs of you had to great jet from a carrying costs of you had to the still a still a superator of the still and the still a sti



the colors in the United States-32 at the end of the first quarter of 1985





business jet, "can buy a lot of fuel." its 737-900 to corporate operators.

Even when used airliners were relative-

Care and Feeding

cialize in airliner support, such as Page ample, one 737 operator said that an innance, and the fight department main-Corporate operators who have estab-

for a long period (for example, several BAC One-Eleven operators contract with USAir, which has flown BAC One-Elevens for over a decade) may be able to

contacted by B/CA said that they are for instance). However, one Boring 737 operator pointed out a potential paperwork problem for Part 91 operators who acquire ex-sirline equipment. Airline

carriers generally have enough resources resources, so he must choose whether he will follow the manufacturer's recom-

penent, and thus can operate them beyond the manufacturer's recom-

Worldwide and U.S. Fleets of Airliners Not Used in

Worldwide/U.S.

12/8 F28

> 200/93 Data Service of Wichita.)

mendations or try to continue an airline-

are designed for more rigorous, intensive able and pose no greater a maintenance his 757 "is hard if not impossible to beat ... Longevity is designed into air-

world where Borings aren't fown '), and

it is a little harder to acquire some components for his BAC One-Eleven, but

capability when we see a corporate airliner in every airline aircraft suggested. "Any company



For heavy maintenance. company has modified and completed about three dozen Boeing 727s as well as

IBM: Regional Aviation's Catalyst in the Northeast

Regional carriers from Virginia to Vermont have matured under the wing of corporate giant IBM, benefiting not only from the traffic it generates, but from an insistence upon safety and excellence as well.

by Arnold Lewis



International Business Machine Corporation would say be a considered to group, but if it would, it would say involve itself with scheduled regional air transpersation. That statement would be true. Nonetholess, the compute gain has had a pervasive influence on the growth and development of several community regional airlines that serve various IRM plant locations from the Mid-Atlantic to the Northead of the Corporation of the C

sinital growth and development. "It was probound," remarked Cormann Stunder and President Kingley Morse. In the case of Virginia-based Colgan, it was the axison derre. And Beckway, formerly Alt North, to this day capitalizes on IBM staffs: from a number of plant locations. Where most large corporations have selved their unique transportation problems in-bosse, theough their own coeporate light disparaments. But has chosen to seek onlitude of the communities as a whole. B/CA FEBRUARY 1987 VOL. 10 No

FOR COMMERCIAL OPERATOR MANAGEMEN





IN THIS ISSUE

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