

TELETYPE

1729 AUG 27 PM 5 31

DOUGLAS AIRCRAFT CO  
TULSA DIVISION

A-D-751 8-27-59 219PM

TO JES HIGHTOWER  
FROM CHUCK CHAPPELL

FOLLOWING IS FOR RELEASE AT 1.30 PM EDT, MONDAY AUGUST 31..

WASHINGTON DC AUG 31-- THE FEDERAL AVIATION AGENCY OFFICIALLY APPROVED THE DOUGLAS DC-8 TODAY, CLEARING THE WAY FOR COMMERCIAL OPERATION OF THE WORLD'S NEWEST AND MOST ADVANCED JET AIRLINER.

A TYPE CERTIFICATE FOR THE INITIAL DOMESTIC VERSION OF JETLINER WAS PRESENTED PERSONALLY BY FAA ADMINISTRATOR E R QUESADA TO DONALD W. DOUGLAS, FOUNDER AND BOARD CHAIRMAN OF DOUGLAS AIRCRAFT COMPANY.

THE PRESENTATION AT BALTIMORE'S FRIENDSHIP INTERNATIONAL AIRPORT, WHICH SERVES THE NATION'S CAPITOL, WAS MADE AT A CEREMONY ATTENDED BY GOVERNMENT AND AIRLINE OFFICIALS, OFFICERS OF THE COMPANY, INCLUDING PRESIDENT DONALD W DOUGLAS JR AND BY REPRESENTATIVES OF PUBLIC INFORMATION MEDIA.

THE FAA CERTIFICATE WAS GRANTED ONE MONTH AHEAD OF THE ORIGINALLY-ANNOUNCED TARGET DATE OF OCTOBER 1.

DOMESTIC SERVICE IS SCHEDULED TO START SEPTEMBER 18 OVER ROUTES LINKING NEW YORK WITH SAN FRANCISCO AND ATLANTA. IN SUBSEQUENT WEEKS, VIRTUALLY EVERY MAJOR U.S. CITY WILL BE ADDED TO A GROWING NETWORK OF DC-8 ROUTES.

INTERNATIONAL AND INTERCONTINENTAL DC-8 SERVICE WILL BEGIN IN JANUARY OVER ROUTES JOINING THE PRINCIPAL CITIES OF FIVE CONTINENTS.

THE FAA TYPE CERTIFICATE ISSUED TODAY COVERS THE BASIC DOUGLAS JETLINER POWERED BY THE PRATT AND WHITNEY AIRCRAFT JT3 ENGINE. THIS TRANSPORT IS IDENTICAL IN SIZE AND GENERAL ARRANGEMENT TO LATER MODELS, WHICH WILL DIFFER ONLY IN THEIR POWER PLANT INSTALLATIONS AND IN GREATER ALLOWABLE TAKE-OFF GROSS WEIGHTS TO ACCOMMODATE MORE FUEL FOR LONGER RANGE.

CERTIFICATION OF THE DC-8 CULMINATES THE MOST COMPREHENSIVE DEVELOPMENT AND TESTING PROGRAM EVER UNDERTAKEN PRIOR TO INTRODUCTION OF A NEW TRANSPORT INTO AIRLINE SERVICE.

SINCE THE PRODUCTION MODEL TOOK TO THE AIR FOR THE FIRST TIME ON MAY 30, 1958, DC-8S HAVE MADE 1782 TAKE-OFFS AND LANDINGS AND LOGGED A TOTAL OF 2284 HOURS OF FLIGHT. THIS INCLUDES 1302 HOURS OF PRECISELY-CONTROLLED AND INSTRUMENTED TESTS UNDER ALL OPERATING CONDITIONS.

BECAUSE THE JET WAS ORDERED INTO PRODUCTION WITHOUT CONSTRUCTION OF A PROTOTYPE, DOUGLAS USED THE PROVING PERIOD FOR DEVELOPMENT OF REFINEMENTS WHICH INSURE THE DELIVERY OF AIRCRAFT EMBODYING THE NEWEST TECHNOLOGICAL IMPROVEMENTS.

FOR INSTANCE, WHEN THE FAA CHANGED ITS REGULATIONS REGARDING DEMONSTRATION OF TAKE-OFF DISTANCE, DOUGLAS STEPPED -UP ITS EXPERIMENTAL DEVELOPMENT OF LEADING EDGE SLOTS FOR THE DC-8 WINGS.

AS A RESULT OF FLIGHT TESTS WITH THIS IMPROVEMENT, THE COMPANY DECIDED TO INSTALL TWO SLOTS -- 80 INCHES AND 32 INCHES LONG, RESPECTIVELY -- ON THE INBOARD SECTION OF EACH WING. THE SLOTS WILL PERMIT THE DC-8S TO TAKE-OFF AND LAND ON CONSIDERABLY SHORTER AIRFIELDS THAN OTHERWISE POSSIBLE.

NEW AERODYNAMIC KNOWLEDGE, CONFIRMED BY COMPANY WIND TUNNEL TESTS, ALSO INDICATED THAT PERFORMANCE OF THE JETLINER WOULD BENEFIT FROM EXTENDING EACH WING TIP 16 INCHES AND ALTERING THEIR SHAPE.

BOTH IMPROVEMENTS WILL BE INCORPORATED ON DC-8S, THE COMPANY ANNOUNCED, TO MAKE THEM "1960 MODEL AIRCRAFT."

ORDERS FOR 143 DC-8S HAVE BEEN RECEIVED FROM THE FOLLOWING 18 AIRLINES..

ALITALIA, ROME DELTA AIR LINES, ATLANTA EASTERN AIR LINES, NEW YORK JAPAN AIR LINES, TOKYO KLM, ROYAL DUTCH AIRLINE NATIONAL

FORM 805 THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.

12659

FORM 805 THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.

BOTH IMPROVEMENTS WILL BE INCORPORATED ON DC-8S, THE COMPANY  
ANNOUNCED, TO MAKE THEM "1960 MODEL AIRCRAFT."

ORDERS FOR 143 DC-8S HAVE BEEN RECEIVED FROM THE FOLLOWING 18  
AIRLINES..

ALITALIA, ROME DELTA AIR LINES, ATLANTA EASTERN AIR LINES,  
NEW YORK JAPAN AIR LINES, TOKYO KLM, ROYAL DUTCH AIRLINE NATIONAL  
AIRLINES, MIAMI NORTHWEST AIRLINES, ST PAUL OLYMPIC AIRWAYS, ATHENS  
PAN AMERICAN WORLD AIRWAYS, NEW YORK PAN AMERICAN-GRACE AIRWAYS,  
NEW YORK PANAIR DO BRASIL, RIO DE JANEIRO PHILIPPINE AIR LINES,  
MANILA SCANDINAVIAN AIRLINE SYSTEM SWISSAIR, ZURICH TAI, PARIS  
TRANS-CANADA AIRLINES, MONTREAL UAT, PARIS UNITED AIR LINES, CHICAGO.

FORM 805 THE STANDARD REGISTER CO.,

IN 805 THE STANDARD REGISTER CO., DAYTON 1, OHIO, U. S. A.