APOLLO 8 EARTH VIEW – The rising earth is about five degrees above the lunar horizon in this telephoto view taken from the Apollo 8 Spacecraft near 110 degrees east longitude. The horizon, about 570 kilometers (350statute miles) from the spacecraft, is near the eastern limb of the moon as viewed from earth. Width of the view at the horizon is about 150 kilometers (95 statute miles). On the earth 240,000 statute miles away, the sunshine terminator crosses Africa. The South Pole is in the white area near the left end of the terminator. North and South America are under clouds. The lunar surface probably has less pronounced color than indicated by this print.



# MANNED SAPCECDRAFT CENTER, HOUSTON, TEXAS

AS8-15-2561

Apollo 8 earth view – View of the earth as photographed by the Apollo 8 astronauts on their return trip from the moon. Note the terminator is straighter than on the outbound picture. The terminator crosses Australia and is visible. The sun reflection is within the Indian Ocean.



# Apollo 9 Earth Sky View

Dallas-Fort Worth area as photographed from Apollo 9 spacecraft during its 77<sup>th</sup> revolution of the earth. This view also includes such smaller cities as McKinney, Denton, Cleburne, and Waxahachie. Numerous highways and lakes are prominently visible in the picture.



MARCH 1969 AS9-22-3441

# MANNED SPACECRAFT CENTER, HOUSOTN, TEXAS

APOLLO 9 EARTH SKY VIEW — Near vertical view of the Phoenix, Arizona, area as photographed from the Apollo 9 spacecraft during its earth-orbitial mission. Farmland patterns checker-board the area along the Gila River.



11 MARCH 1969 AS9-23-3561

#### MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

APOLLO 9 EARTH SKY VIEW — Near vertical view of the Lubbock area in West Texas as photographed from the Apollo 9 spacecraft during its 121st revolution of the Earth. The sharp edge of a cloud disk cuts across the southeast corner of the photograph. Conspicuous patterns of farmland surround Lubbock and extend eastward to the Caprock Escarpment. The Double Mountain fork of the Brazos River drains southeastward. The city of Brownfield is located southwest (about three inches on picture) of Lubbock. Level land is located west (about two and one-half inches on the picture) of Lubbock.



### **MARCH 1969**

# MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

AS9-23-3567

APOLLO 9 EARTH SKY VIEW - oblique view of the Atlanta, Georgia area as photographed from the Apollo 9 spacecraft during its earth-orbital mission. The Chattahoochee River runs from Lake Sidney Lanier, near Gainesville (at upper left corner), south-westward by Atlanta and between Newnan and Carrolton (lower Right). Allatoona Lake is at left center.



APOLLO 11 VIEW OF EARTH Canada, United States: Rocky Mountains, the Great Lakes and other features, as photographed by the Apollo 11 spacecraft during its lunar landing mission of July 16-24, 1969.



JULY 1969 AS11-36-5309

### MANNED SPACECRAFT CENTER, HOUSTON, TEXAS

APOLLO 11 EARTH SKI VIEW - A view of the Earth from the Apollo 11 spacecraft during the journey toward the Moon in July of 1996. The land mass that can be seen in the photograph is Canada, with a good view of the Canadian Rookies. Crewmen aboard the spacecraft were Astronauts Neil A. Armstrong, commander; Michael Collins command module pilot; and Edwin E. Aldrin, Jr., lunar module pilot.



JULY 1969 AS11-36-5321

APOLLO 11 VIEW OF EARTH - —This view of the Earth, taken from the Apollo 11 spacecraft during the historic manned lunar landing mission of July 16-24, 1969, covers a large area, stretching West to East from Los Angeles, Calif., to the center of Africa. Other points visible in the photograph include most of the United States from Los Angeles and the West Coast to Cape Hatteras and the East Coast; Greenland and Iceland under clouds; the Strait of Gibraltar, Spain and Portugal. The window on the spacecraft prevents a complete view of the sphere.

