Twenty-five years of hands-on experience
While many new and profitable business opportunities are becoming possible through the Space Shuttle, the primary focus during the 1980's will be on the delivery and operation of telecommunications satellites. Shuttle is ready to launch these satellite payloads; now the goal of the National Aeronautics and Space Administration is to simplify its use. We know this can be done because, with each increasingly smooth flight, there is evidence that we are substantially reducing paperwork and the time a payload must be at the launch site before liftoff. What this will mean to you is lower launch costs and less integration complexity—without compromising reliability or safety.

Supported by dedicated, "can-do" contractors, NASA has been launching telecommunications satellites for almost 25 years. In providing launch services for over 100 payloads destined for geostationary orbits, NASA has assembled a team of launch operation experts whose talent, experience, and launch record are unmatched. This team and Shuttle's extraordinary capabilities enable NASA to offer you a cost-effective launch system unequaled by any other existing or planned system on Earth.
You can't beat manned reliability

In launch operations, redundancy is synonymous with reliability. We know from our experience that new or significantly modified launch vehicles normally have relatively high failure rates during early launches, mostly in nonredundant systems. This is why launch vehicles which incorporate more redundancy are less prone to such failures and are inherently more reliable.

Space Shuttle, because it is manned and reusable, has been designed with more redundancy than any other launch system ever developed, with dual or greater redundancy in all critical systems. In the limited number of areas where redundancy is not possible—
Moreover, Shuttle alone gives you an opportunity, once in orbit, to check out your payload and to make an unhurried decision on whether or not to proceed with deployment. Should there be significant doubt about the condition of your payload, it can be returned to Earth with the Orbiter, for relaunch on another day.

Finally, the Space Shuttle offers flexibility and expanded capabilities that provide the opportunity to significantly improve satellite designs by taking advantage of the new features that only the Shuttle provides. Such an integral design approach will offer you, the customer, the maximum benefits of the world's most versatile, operational space transportation system.
Shuttle fleet and launch vehicle. A review of our recent missions shows that such problems result in flight delays of only a few months. But if a problem were to become a grave threat to Shuttle operations, the involvement of the Department of Defense in the Shuttle program ensures that a lengthy delay would not be tolerated. Any problem that could ground the Shuttle fleet would attract the resources as well as the urgent attention of the United States government. We have no doubt that the problem would be quickly solved.
accurate
you. We are
of
space
of
launch
payload
time. In short,
we know how to deliver.

For the launching of your payload, we offer an unparalleled combination—the world's most reliable space transporter and a launch team that is internationally recognized for its experience and successes. Praised by every crew that has flown it, the Space Shuttle is launched by people who have never compromised their first objective—to launch safely and successfully. This was dramatically demonstrated on the first flight of the Challenger (STS-6). Although engine problems caused a launch delay of several weeks, we painfully took the time necessary to