

STS-131 Landing Ground Tracks to Kennedy Space Center on Orbit 222

Here are the milestone geographic points that space shuttle Discovery will fly over for its first landing opportunity:

1. South of the Queen Charlotte Islands (western Canada)
2. Over British Columbia, northeast of Vancouver
3. Over southern Alberta province
4. Over Montana, flying over Fort Peck Lake (Mach 22)
5. Across the western border of North Dakota, then over northern South Dakota tracking northwest to southeast, directly over the capital of Pierre
6. Across Iowa directly over Sioux City and southwest of Des Moines and Council Bluffs, Iowa (Mach 18)
7. Over the heart of Missouri, between Kansas City and St. Louis (Mach 16)
8. Over the eastern border of Arkansas and Tennessee, east of Memphis (Mach 14)
9. Over NE Mississippi, northeast of Tupelo (Mach 12)
10. Over Alabama tracking northwest to southeast from Birmingham to Columbus, Georgia (Mach 10)
11. Over southwest Georgia south of Americus
12. Over Florida, almost directly over Jacksonville (Mach 4)
13. West of St. Augustine and Daytona Beach, onto KSC

MSG 152B - ENTRY GROUNDTRACKS

KSC222

