

## Google Flights Results API

SerpApi is able to scrape, extract, and make sense of Google Flights Results.

We add them to our JSON output as the array `best_flights` and `other_flights` .

```

{
  ...
  "best_flights": [
    // best_flights is not always returned
    {
      "flights": [
        {
          "departure_airport": {
            "name": "String - Departure airport name",
            "id": "String - Departure airport code",
            "time": "String - Departure time"
          },
          "arrival_airport": {
            "name": "String - Arrival airport name",
            "id": "String - Arrival airport code",
            "time": "String - Arrival time"
          },
          "duration": "Integer - Flight duration, in minutes",
          "airplane": "String - Airplane model",
          "airline": "String - Name of the airline",
          "airline_logo": "String - URL to the logo of the airline",
          "travel_class": "String - Travel class",
          "flight_number": "String - The flight number",
          "extensions": "Array - A list of flight features",
          "ticket_also_sold_by": "Array - A list of other sellers",
          "legroom": "String - The legroom, including unit",
          "overnight": "Boolean - Returns 'true' if the flight is overnight",
          "often_delayed_by_over_30_min": "Boolean - Returns 'true' if the flight is often delayed by over 30 minutes",
          "plane_and_crew_by": "String - Information about operating airline that provides the flight"
        }
      ],
      "layovers": [
        {
          "duration": "Integer - Duration of the layover, in minutes",
          "name": "String - Name of the airport for the layover",
          "id": "String - The airport code for the layover",
          "overnight": "Boolean - Returns 'true' if the layover is overnight",
        }
      ],
      "total_duration": "Integer - Total minutes of all flights and layovers",
      "carbon_emissions": {
        "this_flight": "Integer - The amount of carbon emissions of the flight, in grams per passenger",
        "typical_for_this_route": "Integer - Typical amount of carbon emissions for the route",
        "difference_percent": "Integer - The carbon emissions difference between the flight and the typical for this route"
      },
      "price": "Integer - This ticket price in the selected currency, the default currency is USD",
      "type": "String - The type of the flight. It's a reflection of the request parameter",
      "airline_logo": "String - URL to the logo of mixed airlines",
      "extensions": "Array - A list of features of the entire flight",
      "departure_token": "String - The token for retrieving returning flights when the flight is delayed",
      "booking_token": "String - The token for retrieving booking options for selected flights"
    }
  ],
  "other_flights": [
    // The same structure as best_flights
  ]
}

```

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Emissions ▾


Connecting airports ▾

Duration ▾

## Best departing flights

Ranked based on price and convenience ⓘ Prices include required taxes + fees for 1 adult. Optional charges and [bag fees](#) may apply. [Passenger assistance](#) info. [Sort by:](#) ⬆️

	Departure · Tue, Oct 03	1106 kg CO <sub>2</sub> +17% emissions ⓘ	<a href="#">Select flight</a>	\$2,512 round trip	⌵
	<ul style="list-style-type: none"><li>3:10 PM · Beijing Capital International Airport (PEK)</li><li>Travel time: 3 hr 25 min</li><li>7:35 PM · Haneda Airport (HND)</li></ul> ANA · Economy · Boeing 787 · NH 962	Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 133 kg			
	1 hr 30 min layover · Haneda Airport (HND)				
	<ul style="list-style-type: none"><li>9:05 PM · Haneda Airport (HND)</li><li>Travel time: 10 hr 5 min · <b>Overnight</b> ▲</li><li>3:10 PM · Los Angeles International Airport (LAX)</li></ul> ANA · Economy · Boeing 787 · NH 126	Above average legroom (32 in) In-seat power & USB outlets On-demand video Carbon emissions estimate: 836 kg			
	3 hr 51 min layover · Los Angeles International Airport (LAX)				
	<ul style="list-style-type: none"><li>7:01 PM · Los Angeles International Airport (LAX)</li><li>Travel time: 2 hr 58 min</li><li>11:59 PM · Austin-Bergstrom International Airport (AUS)</li></ul> United · Economy · Boeing 737MAX 9 Passenger · UA 2175	Average legroom (30 in) Wi-Fi for a fee In-seat power outlet Stream media to your device Carbon emissions estimate: 135 kg			
	Departure · Tue, Oct 03	880 kg CO <sub>2</sub> -7% emissions ⓘ	<a href="#">Select flight</a>	\$2,513 round trip	⌵
	<ul style="list-style-type: none"><li>10:40 AM · Beijing Capital International Airport (PEK)</li><li>Travel time: 2 hr 10 min</li><li>1:50 PM · Incheon International Airport (ICN)</li></ul> Asiana · Economy · Airbus A330 · OZ 332	Above average legroom (32 in) In-seat power outlet On-demand video Carbon emissions estimate: 84 kg			
	7 hr 5 min layover · Incheon International Airport (ICN)				
	<ul style="list-style-type: none"><li>8:55 PM · Incheon International Airport (ICN)</li><li>Travel time: 10 hr 35 min · <b>Overnight</b> ▲</li><li>3:30 PM · San Francisco International Airport (SFO)</li></ul> Asiana · Economy · Airbus A350 · OZ 212 <b>Often delayed by 30+ min</b>	Above average legroom (32 in) Wi-Fi for a fee In-seat power & USB outlets On-demand video Carbon emissions estimate: 619 kg			
	16 hr 10 min layover · San Francisco International Airport (SFO) · <b>Overnight layover</b> ▲				
	<ul style="list-style-type: none"><li>7:40 AM · San Francisco International Airport (SFO)</li><li>Travel time: 3 hr 30 min</li><li>1:10 PM · Austin-Bergstrom International Airport (AUS)</li></ul> Alaska · Economy · Boeing 737 · AS 512	Average legroom (31 in) Wi-Fi for a fee In-seat power & USB outlets Stream media to your device Carbon emissions estimate: 175 kg			
	Departure · Tue, Oct 03	939 kg CO <sub>2</sub> -1% emissions ⓘ	<a href="#">Select flight</a>	\$2,666 round trip	⌵
	<ul style="list-style-type: none"><li>4:50 PM · Beijing Capital International Airport (PEK)</li><li>Travel time: 2 hr 10 min</li><li>8:00 PM · Incheon International Airport (ICN)</li></ul> Asiana · Business Class · Airbus A321 · OZ 336	Standard recliner seat In-seat power & USB outlets On-demand video Carbon emissions estimate: 144 kg			
	0 hr 55 min layover · Incheon International Airport (ICN)				

Asiana · Economy · Airbus A350 · OZ 212 Often delayed by 30+ min		Carbon emissions estimate: 619 kg
16 hr 10 min layover · San Francisco International Airport (SFO) · Overnight layover ▲		
	○ 7:40 AM · San Francisco International Airport (SFO)	Average legroom (31 in)
	Travel time: 3 hr 30 min	Wi-Fi for a fee
	○ 1:10 PM · Austin-Bergstrom International Airport (AUS)	In-seat power & USB outlets
		Stream media to your device
Alaska · Economy · Boeing 737 · AS 512		Carbon emissions estimate: 175 kg



Prices are currently high

[View price history](#) ▼


## Other departing flights

Departure · Tue, Oct 03

949 kg CO<sub>2</sub>  
+0% emissions ⓘ

Select flight

\$3,521  
round trip



○

6:30 PM · Beijing Capital International Airport (PEK)

Travel time: 2 hr 10 min


○

9:40 PM · Incheon International Airport (ICN)

Korean Air · Economy · Boeing 737MAX 8 Passenger · KE 860

Average legroom (31 in)  
Wi-Fi for a fee  
In-seat power & USB outlets  
Stream media to your device  
Carbon emissions estimate: 81 kg

11 hr 40 min layover · Incheon International Airport (ICN) · Overnight layover ▲



○

9:20 AM · Incheon International Airport (ICN)

Travel time: 12 hr 40 min · Overnight ▲


○

8:00 AM · Dallas/Fort Worth International Airport (DFW)

Korean Air · Economy · Boeing 787 · KE 31

Above average legroom (33 in)  
In-seat power & USB outlets  
On-demand video  
Carbon emissions estimate: 807 kg

1 hr 35 min layover · Dallas/Fort Worth International Airport (DFW)



○

9:35 AM · Dallas/Fort Worth International Airport (DFW)


Travel time: 1 hr 5 min

○

10:40 AM · Austin-Bergstrom International Airport (AUS)

American · Economy · Embraer 175 · AA 3489


Average legroom (30 in)  
Wi-Fi for a fee  
In-seat power & USB outlets  
Stream media to your device  
Carbon emissions estimate: 60 kg



Departure · Tue, Oct 03

1146 kg CO<sub>2</sub>  
+21% emissions ⓘ

Select flight

\$3,521  
round trip





○ 6:30 PM · Beijing Capital International Airport (PEK)

Travel time: 2 hr 10 min

○ 9:40 PM · Incheon International Airport (ICN)

Korean Air · Economy · Boeing 737MAX 8 Passenger · KE 860

Average legroom (31 in)


Wi-Fi for a fee

In-seat power & USB outlets

Stream media to your device

Carbon emissions estimate: 81 kg

11 hr 40 min layover · Incheon International Airport (ICN) · Overnight layover ▲



○ 9:20 AM · Incheon International Airport (ICN)

Travel time: 13 hr 30 min · Overnight ▲

○ 9:50 AM · Hartsfield-Jackson Atlanta International Airport (ATL)

Korean Air · Economy · Boeing 747 · KE 35


Above average legroom (33 in)

In-seat power & USB outlets

On-demand video

Carbon emissions estimate: 954 kg

3 hr 9 min layover · Hartsfield-Jackson Atlanta International Airport (ATL)



○ 12:59 PM · Hartsfield-Jackson Atlanta International Airport (ATL)

Travel time: 2 hr 19 min

○ 2:18 PM · Austin-Bergstrom International Airport (AUS)

Delta · Economy · Airbus A321 · DL 1384

Average legroom (31 in)

Free Wi-Fi

In-seat power & USB outlets

Live TV

Carbon emissions estimate: 109 kg

```
1 | https://serpapi.com/search.json?  
   | engine=google_flights&departure_id=PEK&arrival_id=AUS&outbound_date=2025-  
   | 10-11&return_date=2025-10-17&currency=USD&hl=en
```

### </> Code to integrate

| Ruby



```
1 | require "serpapi"  
2 |  
3 | client = SerpApi::Client.new(  
4 |   engine: "google_flights",  
5 |   departure_id: "PEK",  
6 |   arrival_id: "AUS",  
7 |   outbound_date: "2025-10-11",  
8 |   return_date: "2025-10-17",  
9 |   currency: "USD",  
10 |   hl: "en",  
11 |   api_key: "secret_api_key"  
12 | )  
13 |  
14 | results = client.search
```

### { } JSON Example





```
{
  "flights": [
    {
      "departure_airport": {
        "name": "Beijing Capital International Airport",
        "id": "PEK",
        "time": "2023-10-03 15:10"
      },
      "arrival_airport": {
        "name": "Haneda Airport",
        "id": "HND",
        "time": "2023-10-03 19:35"
      },
      "duration": 205,
      "airplane": "Boeing 787",
      "airline": "ANA",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/NH.png",
      "travel_class": "Economy",
      "flight_number": "NH 962",
      "legroom": "31 in",
      "extensions": [
        "Average legroom (31 in)",
        "Wi-Fi for a fee",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 133 kg"
      ]
    },
    {
      "departure_airport": {
        "name": "Haneda Airport",
        "id": "HND",
        "time": "2023-10-03 21:05"
      },
      "arrival_airport": {
        "name": "Los Angeles International Airport",
        "id": "LAX",
        "time": "2023-10-03 15:10"
      },
      "duration": 605,
      "airplane": "Boeing 787",
      "airline": "ANA",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/NH.png",
      "travel_class": "Economy",
      "flight_number": "NH 126",
      "ticket_also_sold_by": [
        "United"
      ],
      "legroom": "32 in",
      "extensions": [
        "Above average legroom (32 in)",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 836 kg"
      ],
      "overnight": true
    }
  ]
}
```

```

        "name": "Los Angeles International Airport",
        "id": "LAX",
        "time": "2023-10-03 19:01"
    },
    "arrival_airport": {
        "name": "Austin-Bergstrom International Airport",
        "id": "AUS",
        "time": "2023-10-03 23:59"
    },
    "duration": 178,
    "airplane": "Boeing 737MAX 9 Passenger",
    "airline": "United",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/UA.png",
    "travel_class": "Economy",
    "flight_number": "UA 2175",
    "legroom": "30 in",
    "extensions": [
        "Average legroom (30 in)",
        "Wi-Fi for a fee",
        "In-seat power outlet",
        "Stream media to your device",
        "Carbon emissions estimate: 135 kg"
    ]
},
],
"layovers": [
    {
        "duration": 90,
        "name": "Haneda Airport",
        "id": "HND"
    },
    {
        "duration": 231,
        "name": "Los Angeles International Airport",
        "id": "LAX"
    }
],
"total_duration": 1309,
"carbon_emissions": {
    "this_flight": 1106000,
    "typical_for_this_route": 949000,
    "difference_percent": 17
},
"price": 2512,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwiMjAyMy0xMC0wMyIsIkh0RCIsbnVsbCwiTkglLCI5NjIiXSxl",
{
    "flights": [
        {
            "departure_airport": {
                "name": "Beijing Capital International Airport",
                "id": "PEK",
                "time": "2023-10-03 10:40"
            },

```

```
    "time": "2023-10-03 15:30",
  },
  "duration": 130,
  "airplane": "Airbus A330",
  "airline": "Asiana",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/OZ.png",
  "travel_class": "Economy",
  "flight_number": "OZ 332",
  "legroom": "32 in",
  "extensions": [
    "Above average legroom (32 in)",
    "In-seat power outlet",
    "On-demand video",
    "Carbon emissions estimate: 84 kg"
  ]
},
{
  "departure_airport": {
    "name": "Incheon International Airport",
    "id": "ICN",
    "time": "2023-10-03 20:55"
  },
  "arrival_airport": {
    "name": "San Francisco International Airport",
    "id": "SFO",
    "time": "2023-10-03 15:30"
  },
  "duration": 635,
  "airplane": "Airbus A350",
  "airline": "Asiana",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/OZ.png",
  "travel_class": "Economy",
  "flight_number": "OZ 212",
  "legroom": "32 in",
  "extensions": [
    "Above average legroom (32 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "On-demand video",
    "Carbon emissions estimate: 619 kg"
  ],
  "overnight": true,
  "often_delayed_by_over_30_min": true
},
{
  "departure_airport": {
    "name": "San Francisco International Airport",
    "id": "SFO",
    "time": "2023-10-04 07:40"
  },
  "arrival_airport": {
    "name": "Austin-Bergstrom International Airport",
    "id": "AUS",
    "time": "2023-10-04 13:10"
  },
  "duration": 210,
```

```


        "travel_class": "Economy",
        "flight_number": "AS 512",
        "legroom": "31 in",
        "extensions": [
            "Average legroom (31 in)",
            "Wi-Fi for a fee",
            "In-seat power & USB outlets",
            "Stream media to your device",
            "Carbon emissions estimate: 175 kg"
        ]
    },
    ],
    "layovers": [
        {
            "duration": 425,
            "name": "Incheon International Airport",
            "id": "ICN"
        },
        {
            "duration": 970,
            "name": "San Francisco International Airport",
            "id": "SFO",
            "overnight": true
        }
    ],
    "total_duration": 2370,
    "carbon_emissions": {
        "this_flight": 880000,
        "typical_for_this_route": 949000,
        "difference_percent": -7
    },
    "price": 2513,
    "type": "Round trip",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
    "departure_token": "W1siUEVLIiwiMjAyMy0xMC0wMyIsIk1DTiIsbnVsbCwiT1oiLCIzMzIiXSxt",
    },
    ...
],
"other_flights": [
    {
        "flights": [
            {
                "departure_airport": {
                    "name": "Beijing Capital International Airport",
                    "id": "PEK",
                    "time": "2023-10-03 18:30"
                },
                "arrival_airport": {
                    "name": "Incheon International Airport",
                    "id": "ICN",
                    "time": "2023-10-03 21:40"
                },
                "duration": 130,
                "airplane": "Boeing 737MAX 8 Passenger",
                "airline": "Korean Air",
                "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/KE.png",
            }
        ]
    }
]

```

```
    "extensions": [
      "Average legroom (31 in)",
      "Wi-Fi for a fee",
      "In-seat power & USB outlets",
      "Stream media to your device",
      "Carbon emissions estimate: 81 kg"
    ]
  },
  {
    "departure_airport": {
      "name": "Incheon International Airport",
      "id": "ICN",
      "time": "2023-10-04 09:20"
    },
    "arrival_airport": {
      "name": "Dallas/Fort Worth International Airport",
      "id": "DFW",
      "time": "2023-10-04 08:00"
    },
    "duration": 760,
    "airplane": "Boeing 787",
    "airline": "Korean Air",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/KE.png",
    "travel_class": "Economy",
    "flight_number": "KE 31",
    "legroom": "33 in",
    "extensions": [
      "Above average legroom (33 in)",
      "In-seat power & USB outlets",
      "On-demand video",
      "Carbon emissions estimate: 807 kg"
    ],
    "overnight": true
  },
  {
    "departure_airport": {
      "name": "Dallas/Fort Worth International Airport",
      "id": "DFW",
      "time": "2023-10-04 09:35"
    },
    "arrival_airport": {
      "name": "Austin-Bergstrom International Airport",
      "id": "AUS",
      "time": "2023-10-04 10:40"
    },
    "duration": 65,
    "airplane": "Embraer 175",
    "airline": "American",
    "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AA.png",
    "travel_class": "Economy",
    "flight_number": "AA 3489",
    "legroom": "30 in",
    "extensions": [
      "Average legroom (30 in)",
      "Wi-Fi for a fee",
      "In-seat power & USB outlets",
```

```
}
],
"layovers": [
  {
    "duration": 700,
    "name": "Incheon International Airport",
    "id": "ICN",
    "overnight": true
  },
  {
    "duration": 95,
    "name": "Dallas/Fort Worth International Airport",
    "id": "DFW"
  }
],
"total_duration": 1750,
"carbon_emissions": {
  "this_flight": 949000,
  "typical_for_this_route": 949000,
  "difference_percent": 0
},
"price": 3521,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwMjAyMy0xMC0wMyIsIk1DTiIsbnVsbCwiS0UiLCI4NjAiXSxt",
},
...
],
...
}
```

Departing flights



Departure · Thu, Oct 26

2324 kg CO<sub>2</sub>  
-19% emissions ⓘ

Select flight

\$10,474  
round trip ^

○ 12:40 AM · Beijing Capital International Airport (PEK)

Travel time: 8 hr 20 min · Overnight ▲

○ 5:00 AM · Dubai International Airport (DXB)

Emirates · First Class · Airbus A380 · EK 307

7 hr 0 min layover · Dubai International Airport (DXB)

○ 12:00 PM · Dubai International Airport (DXB)

Travel time: 4 hr 55 min

○ 3:55 PM · Istanbul Airport (IST)


flydubai · Business Class · Boeing 737MAX 8 Passenger · FZ 727

Lie flat seat

In-seat power & USB outlets

On-demand video

Carbon emissions estimate: 2058 kg



Departure · Thu, Oct 26

2324 kg CO<sub>2</sub>  
-19% emissions ⓘ

Select flight

\$10,474  
round trip ^

○ 7:25 AM · Beijing Capital International Airport (PEK)

Travel time: 8 hr 10 min

○ 11:35 AM · Dubai International Airport (DXB)

Emirates · First Class · Airbus A380 · EK 309

Often delayed by 30+ min

9 hr 25 min layover · Dubai International Airport (DXB)

○ 9:00 PM · Dubai International Airport (DXB)

Travel time: 4 hr 55 min

○ 12:55 AM · Istanbul Airport (IST)

flydubai · Business Class · Boeing 737MAX 8 Passenger · FZ 755

Lie flat seat

In-seat power & USB outlets

On-demand video

Carbon emissions estimate: 264 kg

</> GET

```
1 | https://serpapi.com/search.json?
  | engine=google_flights&departure_id=PEK&arrival_id=IST&outbound_date=2025-
  | 10-11&return_date=2025-10-17&travel_class=4&currency=USD&hl=en
```

</> Code to integrate

Ruby



[Sign In](#)[Register](#)

```
3 client = SerpApiClient.new(  
4   engine: "google_flights",  
5   departure_id: "PEK",  
6   arrival_id: "IST",  
7   outbound_date: "2025-10-11",  
8   return_date: "2025-10-17",  
9   travel_class: "4",  
10  currency: "USD",  
11  hl: "en",  
12  api_key: "secret_api_key"  
13 )  
14  
15 results = client.search
```

[{} JSON Example](#)



```
{
  "flights": [
    {
      "departure_airport": {
        "name": "Beijing Capital International Airport",
        "id": "PEK",
        "time": "2023-10-26 00:40"
      },
      "arrival_airport": {
        "name": "Dubai International Airport",
        "id": "DXB",
        "time": "2023-10-26 05:00"
      },
      "duration": 500,
      "airplane": "Airbus A380",
      "airline": "Emirates",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/EK.png",
      "travel_class": "First Class",
      "flight_number": "EK 307",
      "extensions": [
        "Individual suite",
        "Wi-Fi for a fee",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 2058 kg"
      ],
      "overnight": true
    },
    {
      "departure_airport": {
        "name": "Dubai International Airport",
        "id": "DXB",
        "time": "2023-10-26 12:00"
      },
      "arrival_airport": {
        "name": "Istanbul Airport",
        "id": "IST",
        "time": "2023-10-26 15:55"
      },
      "duration": 295,
      "airplane": "Boeing 737MAX 8 Passenger",
      "airline": "flydubai",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/FZ.png",
      "travel_class": "Business Class",
      "flight_number": "FZ 727",
      "ticket_also_sold_by": [
        "Emirates"
      ],
      "extensions": [
        "Lie flat seat",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 264 kg"
      ]
    }
  ]
}
```

```
      "name": "Dubai International Airport",
      "id": "DXB"
    }
  ],
  "total_duration": 1215,
  "carbon_emissions": {
    "this_flight": 2324000,
    "typical_for_this_route": 2861000,
    "difference_percent": -19
  },
  "price": 10474,
  "type": "Round trip",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
  "departure_token": "W1siUEVLIiwiMjAyMy0xMC0yNiIsIkRYQiIsbnVsbCwiRUsiLCIzMDciXSxt",
  {
    "flights": [
      {
        "departure_airport": {
          "name": "Beijing Capital International Airport",
          "id": "PEK",
          "time": "2023-10-26 07:25"
        },
        "arrival_airport": {
          "name": "Dubai International Airport",
          "id": "DXB",
          "time": "2023-10-26 11:35"
        },
        "duration": 490,
        "airplane": "Airbus A380",
        "airline": "Emirates",
        "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/EK.png",
        "travel_class": "First Class",
        "flight_number": "EK 309",
        "extensions": [
          "Individual suite",
          "Wi-Fi for a fee",
          "In-seat power & USB outlets",
          "On-demand video",
          "Carbon emissions estimate: 2058 kg"
        ],
        "often_delayed_by_over_30_min": true
      },
      {
        "departure_airport": {
          "name": "Dubai International Airport",
          "id": "DXB",
          "time": "2023-10-26 21:00"
        },
        "arrival_airport": {
          "name": "Istanbul Airport",
          "id": "IST",
          "time": "2023-10-27 00:55"
        },
        "duration": 295,
        "airplane": "Boeing 737MAX 8 Passenger",
```

```
    "flight_number": "FZ 755",
    "ticket_also_sold_by": [
      "Emirates"
    ],
    "extensions": [
      "Lie flat seat",
      "In-seat power & USB outlets",
      "On-demand video",
      "Carbon emissions estimate: 264 kg"
    ]
  },
],
"layovers": [
  {
    "duration": 565,
    "name": "Dubai International Airport",
    "id": "DXB"
  }
],
"total_duration": 1350,
"carbon_emissions": {
  "this_flight": 2324000,
  "typical_for_this_route": 2861000,
  "difference_percent": -19
},
"price": 10474,
"type": "Round trip",
"airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/multi.png",
"departure_token": "W1siUEVLIiwiMjAyMy0xMC0yNiIsIkRYQiIsbnVsbCwiRUsiLCIzMDEkXSxl",
},
...
],
...
}
```



```
3 client = SerpApiClient.new(  
4   engine: "google_flights",  
5   departure_id: "NRT",  
6   arrival_id: "LAX",  
7   outbound_date: "2025-10-11",  
8   return_date: "2025-10-17",  
9   departure_token:  
10  "WyJDalJJTVUxUmFYaGFabWR0ZEhkQlJGUxpTM2RDUnkwdExTMHRMUzB0TFhCbWEzTXhNMEZCU\  
11  currency: "USD",  
12  hl: "en",  
13  api_key: "secret_api_key"  
14 )  
15 results = client.search
```

{ } JSON Example



```

{
  "flights": [
    {
      "departure_airport": {
        "name": "Los Angeles International Airport",
        "id": "LAX",
        "time": "2023-10-07 13:05"
      },
      "arrival_airport": {
        "name": "Narita International Airport",
        "id": "NRT",
        "time": "2023-10-08 16:40"
      },
      "duration": 695,
      "airplane": "Boeing 787",
      "airline": "JAL",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",
      "travel_class": "Economy",
      "flight_number": "JL 61",
      "ticket_also_sold_by": [
        "American",
        "Alaska"
      ],
      "legroom": "33 in",
      "extensions": [
        "Above average legroom (33 in)",
        "Wi-Fi for a fee",
        "In-seat power & USB outlets",
        "On-demand video",
        "Carbon emissions estimate: 807 kg"
      ]
    },
    {
      "total_duration": 695,
      "carbon_emissions": {
        "this_flight": 808000,
        "typical_for_this_route": 615000,
        "difference_percent": 31
      },
      "price": 1862,
      "type": "Round trip",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",
      "booking_token": "WyJDalJJTVUxUmFYaGFabWR0ZEhkQlJGUxptM2RDUnkwdExTMHRMUzB0TFhCbI"
    },
    ...
  ],
  "other_flights": [
    {
      "flights": [
        {
          "departure_airport": {
            "name": "Los Angeles International Airport",
            "id": "LAX",
            "time": "2023-10-07 17:15"
          },
          "arrival_airport": {

```

```
},
  "duration": 173,
  "airplane": "Embraer 175",
  "airline": "American",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AA.png",
  "travel_class": "Economy",
  "flight_number": "AA 4868",
  "legroom": "30 in",
  "extensions": [
    "Average legroom (30 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "Stream media to your device",
    "Carbon emissions estimate: 158 kg"
  ]
},
{
  "departure_airport": {
    "name": "Seattle-Tacoma International Airport",
    "id": "SEA",
    "time": "2023-10-08 13:30"
  },
  "arrival_airport": {
    "name": "Narita International Airport",
    "id": "NRT",
    "time": "2023-10-09 16:25"
  },
  "duration": 655,
  "airplane": "Boeing 767",
  "airline": "JAL",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/JL.png",
  "travel_class": "Economy",
  "flight_number": "JL 67",
  "ticket_also_sold_by": [
    "American"
  ],
  "legroom": "33 in",
  "extensions": [
    "Above average legroom (33 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "On-demand video",
    "Carbon emissions estimate: 814 kg"
  ]
}
],
"layovers": [
  {
    "duration": 1042,
    "name": "Seattle-Tacoma International Airport",
    "id": "SEA",
    "overnight": true
  }
],
"total_duration": 1870,
"carbon_emissions": {
```





```
1 | https://serpapi.com/search.json?  
   | engine=google_flights&departure_id=PAE&arrival_id=JFK&outbound_date=2025-  
   | 10-11&return_date=2025-10-17&currency=USD&hl=en
```

### </> Code to integrate

| Ruby



```
1 | require "serpapi"  
2 |  
3 | client = SerpApi::Client.new(  
4 |   engine: "google_flights",  
5 |   departure_id: "PAE",  
6 |   arrival_id: "JFK",  
7 |   outbound_date: "2025-10-11",  
8 |   return_date: "2025-10-17",  
9 |   currency: "USD",  
10 |   hl: "en",  
11 |   api_key: "secret_api_key"  
12 | )  
13 |  
14 | results = client.search
```

### { } JSON Example



```
{
  "flights": [
    {
      "departure_airport": {
        "name": "Paine Field",
        "id": "PAE",
        "time": "2025-04-10 14:49"
      },
      "arrival_airport": {
        "name": "San Francisco International Airport",
        "id": "SFO",
        "time": "2025-04-10 16:57"
      },
      "duration": 128,
      "airplane": "Embraer 175",
      "airline": "Alaska",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
      "travel_class": "Economy",
      "flight_number": "AS 2334",
      "ticket_also_sold_by": [
        "Hawaiian"
      ],
      "legroom": "31 in",
      "extensions": [
        "Average legroom (31 in)",
        "Wi-Fi for a fee",
        "Stream media to your device",
        "Carbon emissions estimate: 159 kg"
      ],
      "plane_and_crew_by": "Horizon Air as Alaska Horizon"
    },
    {
      "departure_airport": {
        "name": "San Francisco International Airport",
        "id": "SFO",
        "time": "2025-04-10 19:59"
      },
      "arrival_airport": {
        "name": "San Diego International Airport",
        "id": "SAN",
        "time": "2025-04-10 21:38"
      },
      "duration": 99,
      "airplane": "Embraer 175",
      "airline": "Alaska",
      "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
      "travel_class": "Economy",
      "flight_number": "AS 3455",
      "ticket_also_sold_by": [
        "Hawaiian"
      ],
      "legroom": "31 in",
      "extensions": [
        "Average legroom (31 in)",
        "Wi-Fi for a fee",
        "Stream media to your device",
```

```
},
{
  "departure_airport": {
    "name": "San Diego International Airport",
    "id": "SAN",
    "time": "2025-04-10 22:39"
  },
  "arrival_airport": {
    "name": "John F. Kennedy International Airport",
    "id": "JFK",
    "time": "2025-04-11 06:59"
  },
  "duration": 320,
  "airplane": "Boeing 737",
  "airline": "Alaska",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
  "travel_class": "Economy",
  "flight_number": "AS 36",
  "ticket_also_sold_by": [
    "Hawaiian"
  ],
  "legroom": "31 in",
  "extensions": [
    "Average legroom (31 in)",
    "Wi-Fi for a fee",
    "In-seat power & USB outlets",
    "Stream media to your device",
    "Carbon emissions estimate: 292 kg"
  ],
  "overnight": true
},
{
  "layovers": [
    {
      "duration": 182,
      "name": "San Francisco International Airport",
      "id": "SFO"
    },
    {
      "duration": 61,
      "name": "San Diego International Airport",
      "id": "SAN"
    }
  ],
  "total_duration": 790,
  "carbon_emissions": {
    "this_flight": 572000,
    "typical_for_this_route": 298000,
    "difference_percent": 92
  },
  "price": 618,
  "type": "Round trip",
  "airline_logo": "https://www.gstatic.com/flights/airline_logos/70px/AS.png",
  "extensions": [
    "Checked baggage for a fee",
    "Bag and fare conditions depend on the return flight"
  ]
}
```

```
    ...  
  ],  
  ...  
}
```

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