# Flight Service API (Production)

Description: Retrieve individual TG Flight Information

URL: [https://wsgw.thaiairways.com/FlightService/{flightNo:String}/{flightDate:String}/{timemode:String}](https://wsgw.thaiairways.com/FlightService/%7bflightNo:String%7d/%7bflightDate:String%7d/%7btimemode:String%7d)

Method: GET

Input parameter:  flightNo         - หมายเลขเที่ยวบิน เช่น 600

       flightDate     - วันที่ทำการบิน (format yyyy-MM-dd)

timemode     - Mode ของเวลา ให้ใช้เป็น LT

ยกตัวอย่าง     <https://wsgw.thaiairways.com/FlightService/600/2021-02-08/LT>

API นี้มีการ set authorize ไว้ ดังนั้นให้ใส่ parameter เพิ่มใน Header

Parameter name: Authorization

Parameter value: Basic VlhfQk9UX1RPQ0M6U0xLRmRqOzlrdzVhc2YtOGFqNGs1O2FzYXJAKmZhOXM1O2FzbGZrZGFqc2ZkOGFzZGY7

Output:

{

   "flightNo": "600",

   "flightDateUTC": "2021-02-08",

   "flightDateLT": "2021-02-08",

   "origin": "BKK",

   "destination": "HKG",

   "legdetail": [   {

      "legSeq": "1",

      "departureSTN": "BKK",

      "departureSTNName": "SUVARNABHUMI AIRPORT",

      "departureSTNICAO": "VTBS",

      "departureUTCCorr": "+0700",

      "arrivalSTN": "HKG",

      "arrivalSTNName": "HONG KONG",

      "arrivalSTNICAO": "VHHH",

      "arrivalUTCCorr": "+0800",

      "STD\_UTC": "2021-02-08 01:00",

      "STD\_LT": "2021-02-08 08:00",

      "STA\_UTC": "2021-02-08 03:45",

      "STA\_LT": "2021-02-08 11:45",

      "ETD\_UTC": "2021-02-08 01:00",

      "ETD\_LT": "2021-02-08 08:00",

      "ETA\_UTC": "2021-02-08 03:09",

      "ETA\_LT": "2021-02-08 11:09",

      "ATD\_UTC": "2021-02-08 00:58",

      "ATD\_LT": "2021-02-08 07:58",

      "ATA\_UTC": "2021-02-08 03:13",

      "ATA\_LT": "2021-02-08 11:13",

      "AircraftType": "359",

      "AircraftRegistration": "HS-THK",

      "BlockTime": "0215",

      "Delay1": "",

      "Delay2": "",

      "DepartureTerminal": "",

      "ArrivalTerminal": "1",

      "CodeshareInfo": "",

      "Bay": "",

      "Gate": "",

      "Belt": ""

   }],

   "nextFlightNo": "601 ",

   "nextFlightSTD\_UTC": "2021-02-08 04:45",

   "nextFlightSTD\_LT": "2021-02-08 12:45",

   "prevFlightNo": "639 ",

   "prevFlightSTD\_UTC": "2021-02-07 10:55",

   "prevFlightSTD\_LT": "2021-02-07 18:55",

   "FlightCancelFlag": "0",

   "FlightChangeFlag": "0",

   "ChangeFlightNo": "",

   "ChangeFlightDateUTC": "",

   "ChangeFlightDateLT": "",

   "FlightRemark": ""

}

# OA Flight Service API (Production)

Description: Retrieve individual Other Airline Flight Information (local time)

URL: [https://wsgw.thaiairways.com/OAFlightInfoService/{flightNo:String}/{flightDate:String}](https://wsgw.thaiairways.com/OAFlightInfoService/%7bflightNo:String%7d/%7bflightDate:String%7d%20%20)

Method: GET

Input parameter:  flightNo        - หมายเลขเที่ยวบิน เช่น CX654

       flightDate     - วันที่ทำการบิน (format yyyy-MM-dd)

ยกตัวอย่าง     <https://wsgw.thaiairways.com/FlightService/CX654/2021-0-07>

API นี้มีการ set authorize ไว้ ดังนั้นให้ใส่ parameter เพิ่มใน Header

Parameter name: Authorization

Parameter value: Basic VlhfQk9UX1RPQ0M6U0xLRmRqOzlrdzVhc2YtOGFqNGs1O2FzYXJAKmZhOXM1O2FzbGZrZGFqc2ZkOGFzZGY7

Output:

{

"flightNoArr": "CX 653",

"scheduleDateArr": "2021-06-07",

"scheduleTimeArr": "1400",

"estimateTimeArr": "1348",

"routeCodeArr": "HKG",

"ACType": "359",

"ACRegistration": "BLRU",

"touchDownTime": "1335",

"onBlockTime": "1341",

"bayArr": "E6",

"towToBay": "",

"flightNoDep": "CX 654",

"routeCodeDep": "HKG",

"scheduleDateDep": "2021-06-07",

"scheduleTimeDep": "1500",

"estimateTimeDep": "1500",

"offBlockTime": "1439",

"takeOffTime": "1455",

"bayDep": "E6",

"towFromBay": "",

"delayInfo": ""

}

# List Flight by Aircraft Registration API (Production)

Description: List TG Flight by aircraft registration by specific period (AC rotation)

URL: <https://wsgw.thaiairways.com>/listfltbyacregdatelt/get/{acreg:String}/{fromDate:String}/{toDate:String}

Method: GET

Input parameter:  acreg         - Aircraft Registration

       fromdate    - วันเริ่มต้นของช่วงเวลาที่ต้องการดู (format yyyy-MM-dd)

todate      - วันสิ้นสุดของช่วงเวลาที่ต้องการดู (format yyyy-MM-dd)

ยกตัวอย่าง   https://wsgw.thaiairways.com/listfltbyacregdatelt/get/HSTBB/2021-06-07/2021-06-08

API นี้มีการ set authorize ไว้ ดังนั้นให้ใส่ parameter เพิ่มใน Header

Parameter name: Authorization

Parameter value: Basic VlhfQk9UX1RPQ0M6U0xLRmRqOzlrdzVhc2YtOGFqNGs1O2FzYXJAKmZhOXM1O2FzbGZrZGFqc2ZkOGFzZGY7

Output:

[

{

"ACREG": "HSTHN",

"OPERATED\_DATE": "Jun 7, 2021",

"MVT\_TIME": "01:53:00 AM",

"CARRIER\_CODE": "TG",

"FLIGHT\_NUMBER": "0643",

"LEG\_NUMBER": "0100",

"OPERATED\_DATE\_LT": "Jun 7, 2021",

"FLIGHT\_DATE": "Jun 7, 2021",

"FLIGHT\_DATE\_LT": "Jun 7, 2021",

"ACTYPE": "359",

"ACVER": "359A",

"DEP\_STATION": "NRT",

"ARR\_STATION": "BKK",

"STD\_TIME\_LT": "12:00:00 PM",

"STA\_TIME\_LT": "04:30:00 PM",

"ATD\_TIME\_LT": "10:53:00 AM",

"TOFF\_TIME\_LT": "11:05:00 AM",

"TDWN\_TIME\_LT": "03:07:00 PM",

"ATA\_TIME\_LT": "03:12:00 PM",

"STD\_DATE\_LT": "Jun 7, 2021",

"STA\_DATE\_LT": "Jun 7, 2021",

"ATD\_DATE\_LT": "Jun 7, 2021",

"TOFF\_DATE\_LT": "Jun 7, 2021",

"TDWN\_DATE\_LT": "Jun 7, 2021",

"ATA\_DATE\_LT": "Jun 7, 2021",

"DELAY\_CODE1": "",

"DELAY\_DUR1": "",

"DELAY\_CODE2": "",

"DELAY\_DUR2": "",

"BLHR": "0619",

"ABHR": "0602",

"ARR\_STATUS": "ACT",

"DEP\_STATUS": "ACT"

},

{

"ACREG": "HSTHN",

"OPERATED\_DATE": "Jun 8, 2021",

"MVT\_TIME": "12:25:00 AM",

"CARRIER\_CODE": "TG",

"FLIGHT\_NUMBER": "0620",

"LEG\_NUMBER": "0100",

"OPERATED\_DATE\_LT": "Jun 8, 2021",

"FLIGHT\_DATE": "Jun 8, 2021",

"FLIGHT\_DATE\_LT": "Jun 8, 2021",

"ACTYPE": "359",

"ACVER": "359Z",

"DEP\_STATION": "BKK",

"ARR\_STATION": "MNL",

"STD\_TIME\_LT": "07:25:00 AM",

"STA\_TIME\_LT": "11:45:00 AM",

"ATD\_TIME\_LT": "07:25:00 AM",

"TOFF\_TIME\_LT": "12:00:00 AM",

"TDWN\_TIME\_LT": "12:00:00 AM",

"ATA\_TIME\_LT": "11:45:00 AM",

"STD\_DATE\_LT": "Jun 8, 2021",

"STA\_DATE\_LT": "Jun 8, 2021",

"ATD\_DATE\_LT": "Jun 8, 2021",

"TOFF\_DATE\_LT": "Jan 1, 0001",

"TDWN\_DATE\_LT": "Jan 1, 0001",

"ATA\_DATE\_LT": "Jun 8, 2021",

"DELAY\_CODE1": "",

"DELAY\_DUR1": "",

"DELAY\_CODE2": "",

"DELAY\_DUR2": "",

"BLHR": "0000",

"ABHR": "0000",

"ARR\_STATUS": "SCH",

"DEP\_STATUS": "SCH"

},

{

"ACREG": "HSTHN",

"OPERATED\_DATE": "Jun 8, 2021",

"MVT\_TIME": "04:55:00 AM",

"CARRIER\_CODE": "TG",

"FLIGHT\_NUMBER": "0621",

"LEG\_NUMBER": "0100",

"OPERATED\_DATE\_LT": "Jun 8, 2021",

"FLIGHT\_DATE": "Jun 8, 2021",

"FLIGHT\_DATE\_LT": "Jun 8, 2021",

"ACTYPE": "359",

"ACVER": "359Z",

"DEP\_STATION": "MNL",

"ARR\_STATION": "BKK",

"STD\_TIME\_LT": "12:55:00 PM",

"STA\_TIME\_LT": "03:25:00 PM",

"ATD\_TIME\_LT": "12:55:00 PM",

"TOFF\_TIME\_LT": "12:00:00 AM",

"TDWN\_TIME\_LT": "12:00:00 AM",

"ATA\_TIME\_LT": "03:25:00 PM",

"STD\_DATE\_LT": "Jun 8, 2021",

"STA\_DATE\_LT": "Jun 8, 2021",

"ATD\_DATE\_LT": "Jun 8, 2021",

"TOFF\_DATE\_LT": "Jan 1, 0001",

"TDWN\_DATE\_LT": "Jan 1, 0001",

"ATA\_DATE\_LT": "Jun 8, 2021",

"DELAY\_CODE1": "",

"DELAY\_DUR1": "",

"DELAY\_CODE2": "",

"DELAY\_DUR2": "",

"BLHR": "0000",

"ABHR": "0000",

"ARR\_STATUS": "SCH",

"DEP\_STATUS": "SCH"

},

{

"ACREG": "HSTHN",

"OPERATED\_DATE": "Jun 8, 2021",

"MVT\_TIME": "03:45:00 PM",

"CARRIER\_CODE": "TG",

"FLIGHT\_NUMBER": "0682",

"LEG\_NUMBER": "0100",

"OPERATED\_DATE\_LT": "Jun 8, 2021",

"FLIGHT\_DATE": "Jun 8, 2021",

"FLIGHT\_DATE\_LT": "Jun 8, 2021",

"ACTYPE": "359",

"ACVER": "359A",

"DEP\_STATION": "BKK",

"ARR\_STATION": "HND",

"STD\_TIME\_LT": "10:45:00 PM",

"STA\_TIME\_LT": "06:55:00 AM",

"ATD\_TIME\_LT": "10:45:00 PM",

"TOFF\_TIME\_LT": "12:00:00 AM",

"TDWN\_TIME\_LT": "12:00:00 AM",

"ATA\_TIME\_LT": "06:55:00 AM",

"STD\_DATE\_LT": "Jun 8, 2021",

"STA\_DATE\_LT": "Jun 9, 2021",

"ATD\_DATE\_LT": "Jun 8, 2021",

"TOFF\_DATE\_LT": "Jan 1, 0001",

"TDWN\_DATE\_LT": "Jan 1, 0001",

"ATA\_DATE\_LT": "Jun 9, 2021",

"DELAY\_CODE1": "",

"DELAY\_DUR1": "",

"DELAY\_CODE2": "",

"DELAY\_DUR2": "",

"BLHR": "0000",

"ABHR": "0000",

"ARR\_STATUS": "SCH",

"DEP\_STATUS": "SCH"

}

]

# List Flight for D2 Pushback API (Test)

Description: List Flight for D2 Pushback Customer (6 hours ahead)

URL: <https://dev-wsgw.thaiairways.com>/BKKFlightService/D2PUSHBACK

Method: GET

API นี้มีการ set authorize ไว้ ดังนั้นให้ใส่ parameter เพิ่มใน Header

Parameter name: Authorization

Parameter value: Basic RDJfUFVTSEJBQ0s6cnBGRG1ZeDdNdVFKcXF4cjltUTV3TEVU

Output:

[

{

"seq": "4",

"flightNo": "CZ 3082",

"scheduleDate": "2021-06-07",

"scheduleTime": "17:10",

"estimateTime": "2021-06-07 17:10",

"actualTime": "",

"nextStation": "CAN",

"ACType": "789",

"ACReg": "B1243",

"gate": "E3",

"bay": "E3"

},

{

"seq": "5",

"flightNo": "CV 7947",

"scheduleDate": "2021-06-07",

"scheduleTime": "17:15",

"estimateTime": "2021-06-07 23:20",

"actualTime": "",

"nextStation": "HKG",

"ACType": "748",

"ACReg": "LXVCG",

"gate": "",

"bay": "517"

},

{

"seq": "6",

"flightNo": "CI 836",

"scheduleDate": "2021-06-07",

"scheduleTime": "17:30",

"estimateTime": "2021-06-07 17:30",

"actualTime": "",

"nextStation": "TPE",

"ACType": "333",

"ACReg": "B18351",

"gate": "",

"bay": "G3"

},

{

"seq": "9",

"flightNo": "SQ 711",

"scheduleDate": "2021-06-07",

"scheduleTime": "18:30",

"estimateTime": "2021-06-07 18:30",

"actualTime": "",

"nextStation": "SIN",

"ACType": "773",

"ACReg": "9VSWV",

"gate": "E1",

"bay": "E1"

},

{

"seq": "10",

"flightNo": "KE 9372",

"scheduleDate": "2021-06-07",

"scheduleTime": "18:50",

"estimateTime": "2021-06-07 18:50",

"actualTime": "",

"nextStation": "ICN",

"ACType": "748",

"ACReg": "HL7617",

"gate": "",

"bay": "515"

},

{

"seq": "11",

"flightNo": "TG 317",

"scheduleDate": "2021-06-07",

"scheduleTime": "18:55",

"estimateTime": "",

"actualTime": "",

"nextStation": "BOM",

"ACType": "359",

"ACReg": "HSTHK",

"gate": "",

"bay": "502"

},

{

"seq": "13",

"flightNo": "TG 315",

"scheduleDate": "2021-06-07",

"scheduleTime": "20:00",

"estimateTime": "",

"actualTime": "",

"nextStation": "DEL",

"ACType": "359",

"ACReg": "HSTHC",

"gate": "E2",

"bay": "E2"

},

{

"seq": "17",

"flightNo": "NH 850",

"scheduleDate": "2021-06-07",

"scheduleTime": "21:40",

"estimateTime": "2021-06-07 21:40",

"actualTime": "",

"nextStation": "HND",

"ACType": "789",

"ACReg": "JA921A",

"gate": "E4",

"bay": "E4"

},

{

"seq": "19",

"flightNo": "JL 034",

"scheduleDate": "2021-06-07",

"scheduleTime": "21:55",

"estimateTime": "2021-06-07 21:55",

"actualTime": "",

"nextStation": "HND",

"ACType": "773",

"ACReg": "JA738J",

"gate": "F6",

"bay": "F6"

},

{

"seq": "20",

"flightNo": "CA 622",

"scheduleDate": "2021-06-07",

"scheduleTime": "22:00",

"estimateTime": "2021-06-07 22:00",

"actualTime": "",

"nextStation": "PVG",

"ACType": "333",

"ACReg": "B8385",

"gate": "",

"bay": "513"

},

{

"seq": "21",

"flightNo": "TG 337",

"scheduleDate": "2021-06-07",

"scheduleTime": "22:10",

"estimateTime": "",

"actualTime": "",

"nextStation": "MAA",

"ACType": "359",

"ACReg": "HSTHD",

"gate": "",

"bay": "502"

}

]