

**한국공항공사 항공기 운항정보**

**OpenAPI 활용가이드**



개정 이력

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 버 전 | 변경일 | 변경 사유 | 변경 내용 | 작성자 | 승인 |
| 1.0 | 2012-11-30 | 최초작성 | 최초작성 | 이성호 | 양정녕 |
| 1.0 | 2014-02-17 | 오타수정 | URL 오타 수정, 담당자 수정 | 이순혁 | 강재석 |
| 1.1 | 2015-04-23 | 오타수정 | 메시지 항목 수정 | 윤혜영 | 강재석 |
| 1.2 | 2015-05-26 | 오타수정 | 메시지 항목 수정 | 윤혜영 | 강재석 |
| 2.0 | 2015-10-02 | 오타수정 | 코드정보, 국내선·국제선 운항스케줄 쿼리수정 | 윤혜영 | 강재석 |
| 2.1 | 2018-10-30 | 변경 | 문서 내용 현행화 | 윤혜영 | 차상훈 |
|  |  |  |  |  |  |

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# 서비스 목록

|  |  |  |  |
| --- | --- | --- | --- |
| **순번** | **서비스 ID** | **서비스명(영문)** | **서비스명(국문)** |
| 1 | SV\_ID\_SJ\_HS\_001 | KAC Mobile WEB service OpenAPI | 항공운항정보 공유서비스 |

# 서비스 명세

## 항공운항정보 공유서비스

### 서비스 개요

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **서비스**  **정보** | **서비스 ID** | SV\_ID\_SJ\_HS\_001 | | | | | |
| **서비스명(국문)** | 항공운항정보 공유서비스 | | | | | |
| **서비스명(영문)** | KAC Mobile WEB service OpenAPI | | | | | |
| **서비스 설명** | 한국공항공사에서 서비스(웹/모바일웹) 중인  각 공항별 실시간 운항정보, 운항스케줄 정보를 제공 | | | | | |
| **서비스**  **제공자정보** | **기관명** | 한국공항공사 | | **담당자명** | | 윤혜영 | |
| **담당자 연락처** | 02-2660-2249 | | **담당자 e-Mail** | | yhy0208@airport.co.kr | |
| **서비스**  **보안** | **서비스 인증/권한** | [O] 서비스 Key [ ] 인증서 (GPKI)  [ ] Basic (ID/PW) [ ] 없음 | | | | [ ] WS-Security | |
| **메시지 레벨 암호화** | [ ] 전자서명 [ ] 암호화 [O] 없음 | | | |
| **전송 레벨 암호화** | [ ] SSL [O] 없음 | | | | | |
| **적용**  **기술**  **수준** | **인터페이스 표준** | [ ] SOAP 1.2  (RPC-Encoded, Document Literal, Document Literal Wrapped)  [O] REST (GET, POST, PUT, DELETE)  [ ] RSS 1.0 [ ] RSS 1.0 [ ] Atom 1.0 [ ] 기타 | | | | | |
| **교환 데이터 표준** | [O] XML [ ] JSON [ ] MIME [ ] MTOM | | | | | |
| **서비스**  **URL** | **개발환경** | N/A | | | | | |
| **운영환경** | N/A | | | | | |
| **서비스**  **WADL** | **개발환경** | N/A | | | | | |
| **운영환경** | N/A | | | | | |
| **서비스**  **배포**  **정보** | **서비스 버전** | 1.0 | | | | | |
| **서비스 시작일** | 2012-12-06 | | **배포 일자** | | 2017-09-26 | |
| **서비스 이력** | N/A | | | | | |
| **메시지 교환 유형** | | [O] Request-Response [ ] Publish-Subscribe  [ ] Fire-and-Forgot [ ] Notification | | | | | |
| **메시지 로깅 수준** | | **성공** | [O] Header [ ] Body | | **실패** | | [O] Header [O] Body |
| **사용 제약 사항 (비고)** | | N/A | | | | | |
| **데이터 갱신주기** | | N/A | | | | | |

### 오퍼레이션 목록

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **일련번호** | **서비스명(국문)** | **오퍼레이션명(영문)** | **오퍼레이션명(국문)** | **메시지명(영문)** |
| 1 | 항공운항정보 공유서비스 | getAirportCodeList | 공항코드 정보 | N/A |
| 2 | getDflightScheduleList | 국내선 운항 스케줄 정보 | N/A |
| 3 | getIflightScheduleList | 국제선 운항 스케줄 정보 | N/A |
| 4 | getFlightStatusList | 실시간 현황 정보 | N/A |

#### 공항코드 정보 오퍼레이션 명세

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **오퍼레이션**  **정보** | **오퍼레이션 번호** | 1 | **오퍼레이션명(국문)** | 공항코드 정보 |
| **오퍼레이션 유형** | 조회(목록) | **오퍼레이션명(영문)** | getAirportCodeList |
| **오퍼레이션 설명** | 공항코드 정보를 제공 | | |
| **Call Back URL** | http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList | | |
| **최대 메시지 사이즈** | N/A | | |
| **평균 응답 시간** | N/A | **초당 최대 트랜잭션** | N/A |
| **호출**  **메시지**  **정보** | **메시지명(영문)** | Request | | |
| **메시지타입** | 변수형 | | |
| **메시지설명** | 공항코드 목록정보 검색/조회한다. | | |
| **선행 오퍼레이션** | N/A | | |
| **응답**  **메시지**  **정보** | **메시지명(영문)** | Response | | |
| **메시지 타입** | 리스트형 | | |
| **메시지 설명** | 호출메시지의 검색조건에 따라 공항코드 목록정보 내역을 제공한다. | | |
| **HTTP Method** | | [O] REST (GET, POST, PUT, DELETE) | | |

##### 요청 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)**  **/END POINT URL** | http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| ServiceKey | 인증키 | 100 | 필수 |  | 인증키 |
| pageNo | 페이지번호 | 4 | 필수 | 1 | 페이지번호 |

##### 응답 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)** | Response | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| cityChn | 도시명(중국어) | 50 | 옵션 | 光州 | 도시명(중국어) |
| cityCode | 도시코드 | 3 | 필수 | KWJ | 도시코드 |
| cityEng | 도시명(영어) | 40 | 옵션 | Gwangju | 도시명(영어) |
| cityJpn | 도시명(일본어) | 50 | 옵션 | 光州 | 도시명(일본어) |
| cityKor | 도시명(한국어) | 40 | 옵션 | 광주 | 도시명(한국어) |
| numOfRows | 열 숫자 | 4 | 필수 | 10 | 열 숫자 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |
| totalCount | 데이터 총계 | 5 | 필수 | 48 | 데이터 총계 |

##### 요청 / 응답 메시지 예제

|  |
| --- |
| **REST (URL)** |
| http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?ServiceKey=인증키&pageNo=1 |
| **응답 메시지** |
| <?xml version="1.0" encoding="UTF-8" standalone="true"?>  [<response>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  [<header>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <resultCode>00</resultCode>  <resultMsg>NORMAL SERVICE.</resultMsg>  </header>  [<body>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  [<items>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CAIRNS</cityChn>  <cityCode>CNS</cityCode>  <cityEng>CAIRNS</cityEng>  <cityJpn>CAIRNS</cityJpn>  <cityKor>캐언스</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CHIANGMAI</cityChn>  <cityCode>CNX</cityCode>  <cityEng>CHIANGMAI</cityEng>  <cityJpn>CHIANGMAI</cityJpn>  <cityKor>치앙마이</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>COPENHAGEN</cityChn>  <cityCode>CPH</cityCode>  <cityEng>COPENHAGEN</cityEng>  <cityJpn>COPENHAGEN</cityJpn>  <cityKor>코펜하겐</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>COMPTON</cityChn>  <cityCode>CPM</cityCode>  <cityEng>COMPTON</cityEng>  <cityJpn>COMPTON</cityJpn>  <cityKor>콤프톤</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CAPETOWN</cityChn>  <cityCode>CPT</cityCode>  <cityEng>CAPETOWN</cityEng  ><cityJpn>CAPETOWN</cityJpn>  <cityKor>케이프타운</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CLARKFIELD</cityChn>  <cityCode>CRK</cityCode>  <cityEng>CLARKFIELD</cityEng>  <cityJpn>CLARKFIELD</cityJpn>  <cityKor>클라크필드</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CHARDZHEV</cityChn>  <cityCode>CRZ</cityCode>  <cityEng>CHARDZHEV</cityEng>  <cityJpn>CHARDZHEV</cityJpn>  <cityKor>차조우</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CHANGSHA</cityChn>  <cityCode>CSX</cityCode>  <cityEng>CHANGSHA</cityEng>  <cityJpn>CHANGSHA</cityJpn>  <cityKor>창사</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>CUITO-CUANAVALA</cityChn>  <cityCode>CTI</cityCode>  <cityEng>CUITO-CUANAVALA</cityEng>  <cityJpn>CUITO-CUANAVALA</cityJpn>  <cityKor>쿠이토쿠아나발레</cityKor>  </item>  [<item>](http://openapi.airport.co.kr/service/rest/AirportCodeList/getAirportCodeList?serviceKey=1h3YXHze%2B%2FEtRD8LLOxjlV8DvWxEE80QA%2FTUtasmjSqM%2Fz0hkBP3GWRxVNZfYrwcpS7OkV%2BNkBnD0rAm97EO7Q%3D%3D)  <cityChn>SAPPORO</cityChn>  <cityCode>CTS</cityCode>  <cityEng>SAPPORO</cityEng>  <cityJpn>SAPPORO</cityJpn>  <cityKor>삿포로</cityKor>  </item>  </items>  <numOfRows>10</numOfRows>  <pageNo>1</pageNo>  <totalCount>950</totalCount>  </body> |

#### 국내선 운항 스케줄 정보 오퍼레이션 명세

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **오퍼레이션**  **정보** | **오퍼레이션 번호** | 2 | **오퍼레이션명(국문)** | 국내선 운항 스케줄 정보 |
| **오퍼레이션 유형** | 조회(목록) | **오퍼레이션명(영문)** | getDflightScheduleList |
| **오퍼레이션 설명** | 국내선 운항 스케줄 정보를 제공 | | |
| **Call Back URL** | http://openapi.airport.co.kr/service/rest/DflightScheduleList/getDflightScheduleList | | |
| **최대 메시지 사이즈** | N/A | | |
| **평균 응답 시간** | N/A | **초당 최대 트랜잭션** | N/A |
| **호출**  **메시지**  **정보** | **메시지명(영문)** | Request | | |
| **메시지타입** | 변수형 | | |
| **메시지설명** | 국내선 운항 스케줄 목록정보 검색/조회한다. | | |
| **선행 오퍼레이션** | N/A | | |
| **응답**  **메시지**  **정보** | **메시지명(영문)** | Response | | |
| **메시지 타입** | 리스트형 | | |
| **메시지 설명** | 호출메시지의 검색조건에 따라 국내선 운항 스케줄 목록정보 내역을 제공한다. | | |
| **HTTP Method** | | [O] REST (GET, POST, PUT, DELETE) | | |

##### 요청 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)**  **/END POINT URL** | http://openapi.airport.co.kr/service/rest/DflightScheduleList/getDflightScheduleList | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| schDate | 검색일자 | 8 | 옵션 | 20121010 | 검색일자 |
| schDeptCityCode | 도착 도시 코드 | 3 | 옵션 | GMP | 도착 도시 코드 |
| schArrvCityCode | 출항 도시 코드 | 3 | 옵션 | PUS | 출항 도시 코드 |
| schAirLine | 항공편 코드 | 2 | 옵션 | AB | 항공편 코드 |
| schFlightNum | 항공편 넘버 | 20 | 옵션 | 1 | 항공편 넘버 |
| serviceKey | 인증키 | 100 | 필수 |  | 인증키 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |

##### 응답 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)** | Response | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| airlineKorean | 항공사(국문) | 50 | 옵션 | 에어부산 | 항공사(국문) |
| arrivalcity | 도착공항 | 40 | 옵션 | 부산/김해 | 도착공항 |
| domesticArrivalTime | 도착시간 | 20 | 옵션 | 715 | 도착시간 |
| domesticEddate | 운항종료일 | 25 | 옵션 | 2012-03-24T00:00:00+09:00 |  |
| domesticFri | 금요일 | 2 | 옵션 | N | 금요일 |
| domesticMon | 월요일 | 2 | 옵션 | N | 월요일 |
| domesticNum | 항공편명 | 20 | 옵션 | BX8831 | 항공편명 |
| domesticSat | 토요일 | 2 | 옵션 | Y | 토요일 |
| domesticStartTime | 출발시간 | 20 | 옵션 | 625 | 출발시간 |
| domesticStdate | 운항시작일 | 25 | 옵션 | 2011-10-30T00:00:00+09:00 |  |
| domesticSun | 일요일 | 2 | 옵션 | N | 일요일 |
| domesticThu | 목요일 | 2 | 옵션 | N | 목요일 |
| domesticTue | 화요일 | 2 | 옵션 | N | 화요일 |
| domesticWed | 수요일 | 2 | 옵션 | N | 수요일 |
| startcity | 출발공항 | 40 | 옵션 | 서울/김포 | 출발공항 |
| numOfRows | 열 숫자 | 4 | 필수 | 10 | 열 숫자 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |
| totalCount | 데이터 총계 | 5 | 필수 | 27 | 데이터총계 |

##### 요청 / 응답 메시지 예제

|  |
| --- |
| **REST (URL)** |
| http://openapi.airport.co.kr/service/rest/FlightScheduleList/getDflightScheduleList?ServiceKey=인증키&schDeptCityCode=GMP&schArrvCityCode=PUS&pageNo=1 |
| **응답 메시지** |
| <?xml version="1.0" encoding="UTF-8" standalone="true"?>  <response>  <header>  <resultCode>00</resultCode>  <resultMsg>NORMAL SERVICE.</resultMsg>  </header>  <body>  <items>  <item>  <airlineKorean>에어부산</airlineKorean>  <arrivalcity>부산/김해</arrivalcity>  <domesticArrivalTime>0715</domesticArrivalTime>  <domesticEddate>2012-03-24T00:00:00+09:00</domesticEddate>  <domesticFri>N</domesticFri>  <domesticMon>N</domesticMon>  <domesticNum>BX8831</domesticNum>  <domesticSat>Y</domesticSat>  <domesticStartTime>0625</domesticStartTime>  <domesticStdate>2011-10-30T00:00:00+09:00</domesticStdate>  <domesticSun>N</domesticSun>  <domesticThu>N</domesticThu>  <domesticTue>N</domesticTue>  <domesticWed>N</domesticWed>  <startcity>서울/김포</startcity>  </item>  <item>  <airlineKorean>대한항공</airlineKorean>  <arrivalcity>부산/김해</arrivalcity>  <domesticArrivalTime>0730</domesticArrivalTime>  <domesticEddate>2018-10-26T00:00:00+09:00</domesticEddate>  <domesticFri>N</domesticFri>  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<startcity>서울/김포</startcity>  </item>  </items>  <numOfRows>10</numOfRows>  <pageNo>1</pageNo>  <totalCount>1010</totalCount>  </body>  </response> |

#### 국제선 운항 스케줄 정보 오퍼레이션 명세

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **오퍼레이션**  **정보** | **오퍼레이션 번호** | 3 | **오퍼레이션명(국문)** | 국제선 운항 스케줄 정보 |
| **오퍼레이션 유형** | 조회(목록) | **오퍼레이션명(영문)** | getIflightScheduleList |
| **오퍼레이션 설명** | 국제선 운항 스케줄 정보를 제공 | | |
| **Call Back URL** | http://openapi.airport.co.kr/service/rest/IflightScheduleList/getIflightScheduleList | | |
| **최대 메시지 사이즈** | N/A | | |
| **평균 응답 시간** | N/A | **초당 최대 트랜잭션** | N/A |
| **호출**  **메시지**  **정보** | **메시지명(영문)** | Request | | |
| **메시지타입** | 변수형 | | |
| **메시지설명** | 국제선 운항 스케줄 목록정보 검색/조회한다. | | |
| **선행 오퍼레이션** | N/A | | |
| **응답**  **메시지**  **정보** | **메시지명(영문)** | Response | | |
| **메시지 타입** | 리스트형 | | |
| **메시지 설명** | 호출메시지의 검색조건에 따라 국제선 운항 스케줄 목록정보 내역을 제공한다. | | |
| **HTTP Method** | | [O] REST (GET, POST, PUT, DELETE) | | |

##### 요청 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)**  **/END POINT URL** | http://openapi.airport.co.kr/service/rest/IflightScheduleList/getIflightScheduleList | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| schDate | 검색일자 | 8 | 옵션 | 20151005 | 검색일자 |
| schDeptCityCode | 출발 도시 코드 | 3 | 옵션 | GMP | 출발 도시 코드 |
| schArrvCityCode | 도착 도시 코드 | 3 | 옵션 | HND | 도착 도시 코드 |
| schAirLine | 항공편 코드 | 2 | 옵션 | NH | 항공편 코드 |
| schFlightNum | 항공편 넘버 | 20 | 옵션 | NH862 | 항공편 넘버 |
| serviceKey | 인증키 | 100 | 필수 |  | 인증키 |
| pageNo | 페이지 번호 | 4 | 필수 |  | 페이지 번호 |

##### 응답 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)** | Response | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| internationalEddatel | 운항종료일 | 25 | 옵션 | 2014-10-25T00:00:00+09:00 |  |
| internationalStdatel | 운항시작일 | 25 | 옵션 | 2014-03-30T00:00:00+09:00 |  |
| airlineKorean | 항공사(국문) | 50 | 옵션 | 전일본공수 | 항공사(국문) |
| airport | 기준공항 | 40 | 옵션 | 김포 | 기준공항 |
| city | 운항구간 | 40 | 옵션 | 도쿄(하네다) | 운항구간 |
| internationalIoType | 출/입국코드 | 6 | 옵션 | IN / OUT | IN:입국  OUT:출국 |
| internationalNum | 항공편명 | 20 | 옵션 | NH862 | 항공편명 |
| internationalTime | 계획시간 | 20 | 옵션 | 0745 | 계획시간 |
| internationalSun | 일요일 | 2 | 옵션 | Y | 일요일 |
| internationalMon | 월요일 | 2 | 옵션 | N | 월요일 |
| internationalTue | 화요일 | 2 | 옵션 | N | 화요일 |
| internationalWed | 수요일 | 2 | 옵션 | N | 수요일 |
| internationalThu | 목요일 | 2 | 옵션 | N | 목요일 |
| internationalFri | 금요일 | 2 | 옵션 | N | 금요일 |
| internationalSat | 토요일 | 2 | 옵션 | N | 토요일 |
| numOfRows | 열 숫자 | 4 | 필수 | 10 | 열 숫자 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |
| totalCount | 데이터 총계 | 5 | 필수 | 48 | 데이터 총계 |

##### 요청 / 응답 메시지 예제

|  |
| --- |
| **REST (URL)** |
| http://openapi.airport.co.kr/service/rest/FlightScheduleList/getIflightScheduleList?ServiceKey=인증키&schDeptCityCode=GMP&schArrvCityCode=HND&pageNo=1 |
| **응답 메시지** |
| <?xml version="1.0" encoding="UTF-8" standalone="true"?>  <response>  <header>  <resultCode>00</resultCode>  <resultMsg>NORMAL SERVICE.</resultMsg>  </header>  <body>  <items>  <item>  <airlineKorean>전일본공수</airlineKorean>  <airport>서울/김포</airport>  <city>도쿄/하네다</city>  <internationalEddate>2014-10-25T00:00:00+09:00</internationalEddate>  <internationalFri>Y</internationalFri>  <internationalIoType>OUT</internationalIoType>  <internationalMon>Y</internationalMon>  <internationalNum>NH1160</internationalNum>  <internationalSat>Y</internationalSat>  <internationalStdate>2014-03-30T00:00:00+09:00</internationalStdate>  <internationalSun>Y</internationalSun>  <internationalThu>Y</internationalThu>  <internationalTime>0740</internationalTime>  <internationalTue>Y</internationalTue>  <internationalWed>Y</internationalWed>  </item>  <item>  <airlineKorean>전일본공수</airlineKorean>  <airport>서울/김포</airport>  <city>도쿄/하네다</city>  <internationalEddate>2018-10-27T00:00:00+09:00</internationalEddate> 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#### 실시간 현황 정보 오퍼레이션 명세

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **오퍼레이션**  **정보** | **오퍼레이션 번호** | 4 | **오퍼레이션명(국문)** | 실시간 현황 정보 |
| **오퍼레이션 유형** | 조회(목록) | **오퍼레이션명(영문)** | getFlightStatusList |
| **오퍼레이션 설명** | 국제선 운항 스케줄 정보를 제공 | | |
| **Call Back URL** | http://openapi.airport.co.kr/service/rest/FlightStatusList/getFlightStatusList | | |
| **최대 메시지 사이즈** | N/A | | |
| **평균 응답 시간** | N/A | **초당 최대 트랜잭션** | N/A |
| **호출**  **메시지**  **정보** | **메시지명(영문)** | Request | | |
| **메시지타입** | 변수형 | | |
| **메시지설명** | 국제선 운항 스케줄 목록 정보를 검색/조회한다. | | |
| **선행 오퍼레이션** | N/A | | |
| **응답**  **메시지**  **정보** | **메시지명(영문)** | Response | | |
| **메시지 타입** | 리스트형 | | |
| **메시지 설명** | 호출메시지의 검색조건에 따라 국제선 운항 스케줄 목록정보 내역을 제공한다. | | |
| **HTTP Method** | | [O] REST (GET, POST, PUT, DELETE) | | |

##### 요청 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)**  **/END POINT URL** | http://openapi.airport.co.kr/service/rest/FlightStatusList/getFlightStatusList | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| schStTime | 예정시간 | 10 | 옵션 | 0600 | 예정시간 |
| schEdTime | 변경시간 | 10 | 옵션 | 1800 | 변경시간 |
| schLineType | 항공편종류 | 2 | 옵션 | D / I | 국내 / 국제 |
| schIOType | 운행타입 | 2 | 옵션 | I / 0 | 도착 / 출발 |
| schAirCode | 공항코드 | 6 | 옵션 | GMP | 공항코드 |
| serviceKey | 인증키 | 100 | 필수 |  | 인증키 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |

##### 응답 메시지 명세

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **메시지명(영문)** | Response | | | | |
| **항목명(영문)** | **항목명(국문)** | **항목**  **크기** | **항목**  **구분** | **샘플데이터** | **항목설명** |
| airFln | 항공편명 | 14 | 옵션 | 7C8102 | 항공편명 |
| airlineEnglish | 항공사(영문) | 100 | 옵션 | Jeju Air | 항공사(영문) |
| airlineKorean | 항공사(국문) | 50 | 옵션 | 제주항공 | 항공사(국문) |
| airport | 기준공항코드 | 6 | 옵션 | TAE | 기준공항코드 |
| arrivedEng | 도착공항 (영문) | 40 | 옵션 | DAEGU | 도착공항 (영문) |
| arrivedKor | 도착공항 (국문) | 40 | 옵션 | 대구 | 도착공항 (국문) |
| boardingEng | 출발공항 (영문) | 40 | 옵션 | BEIJING | 출발공항 (영문) |
| boardingKor | 출발공항 (국문) | 40 | 옵션 | 베이징 | 출발공항 (국문) |
| city | 운항구간코드 | 6 | 옵션 | PEK | 운항구간코드 |
| etd | 변경시간 | 10 | 옵션 | 0505 | 변경시간 |
| io | 출/도착코드 | 2 | 옵션 | I / O | I:도착(Inbound) /  O:출발(Outbound) |
| line | 국내국제구분 | 2 | 옵션 | 국제 | 국내 / 국제 |
| rmkEng | 항공편상태(영문) | 40 | 옵션 | ARRIVED | 항공편상태(영문) |
| rmkKor | 항공편상태(국문) | 40 | 옵션 | 도착 | 항공편상태(국문) |
| std | 예정시간 | 10 | 옵션 | 0510 | 예정시간 |
| numOfRows | 열 숫자 | 4 | 필수 | 10 | 열 숫자 |
| pageNo | 페이지 번호 | 4 | 필수 | 1 | 페이지 번호 |
| totalCount | 데이터 총계 | 4 | 필수 | 1381 | 데이터 총계 |

##### 요청 / 응답 메시지 예제

|  |
| --- |
| **REST (URL)** |
| http://openapi.airport.co.kr/service/rest/FlightStatusList/getFlightStatusList?ServiceKey=인증키&schStTime=0600&schEdTime=1800&schLineType=I&schIOType=I&schAirCode=PUS&pageNo=1 |
| **응답 메시지** |
| <?xml version="1.0" encoding="UTF-8" standalone="true"?>  <response>  <header>  <resultCode>00</resultCode>  <resultMsg>NORMAL SERVICE.</resultMsg>  </header>  <body>  <items>  <item>  <airFln>LJ074</airFln>  <airlineEnglish>JINAIR</airlineEnglish>  <airlineKorean>진에어</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>DANANG</boardingEng>  <boardingKor>다낭</boardingKor>  <city>DAD</city>  <etd>0619</etd>  <gate>5</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0605</std>  </item>  <item>  <airFln>ZE922</airFln>  <airlineEnglish>EASTAR JET</airlineEnglish>  <airlineKorean>이스타항공</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>BANGKOK</boardingEng>  <boardingKor>방콕</boardingKor>  <city>BKK</city>  <etd>0604</etd>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0605</std>  </item>  <item>  <airFln>LJ038</airFln>  <airlineEnglish>JINAIR</airlineEnglish>  <airlineKorean>진에어</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>CEBU</boardingEng>  <boardingKor>세부</boardingKor>  <city>CEB</city>  <etd>0623</etd>  <gate>5</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0605</std>  </item>  <item>  <airFln>LJ032</airFln>  <airlineEnglish>JINAIR</airlineEnglish>  <airlineKorean>진에어</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>CLARKFIELD</boardingEng>  <boardingKor>클라크필드</boardingKor>  <city>CRK</city>  <etd>0631</etd>  <gate>5</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0605</std>  </item>  <item>  <airFln>KE5686</airFln>  <airlineEnglish>KOREAN AIR</airlineEnglish>  <airlineKorean>대한항공</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>HANOI</boardingEng>  <boardingKor>하노이</boardingKor>  <city>HAN</city>  <etd>0611</etd>  <gate>4</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0610</std>  </item>  <item>  <airFln>7C2654</airFln>  <airlineEnglish>JEJU AIR</airlineEnglish>  <airlineKorean>제주항공</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>TAIPEI</boardingEng>  <boardingKor>타이베이/타오위안</boardingKor>  <city>TPE</city>  <etd>0607</etd>  <gate>3</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0610</std>  </item>  <item>  <airFln>VN426</airFln>  <airlineEnglish>VIETNAM AIRLINES</airlineEnglish>  <airlineKorean>베트남</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>HANOI</boardingEng>  <boardingKor>하노이</boardingKor>  <city>HAN</city>  <etd>0611</etd>  <gate>4</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0610</std>  </item>  <item>  <airFln>BX382</airFln>  <airlineEnglish>AIR PUSAN</airlineEnglish>  <airlineKorean>에어부산</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>MACAU</boardingEng>  <boardingKor>마카오</boardingKor>  <city>MFM</city>  <etd>0609</etd>  <gate>1</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0620</std>  </item>  <item>  <airFln>OZ306</airFln>  <airlineEnglish>ASIANA AIRLINE</airlineEnglish>  <airlineKorean>아시아나항공</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>GUANGZHOUBAIYUN</boardingEng>  <boardingKor>광저우</boardingKor>  <city>CAN</city>  <etd>0621</etd>  <gate>3</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0620</std>  </item>  <item>  <airFln>BX392</airFln>  <airlineEnglish>AIR PUSAN</airlineEnglish>  <airlineKorean>에어부산</airlineKorean>  <airport>PUS</airport>  <arrivedEng>GIMHAE</arrivedEng>  <arrivedKor>부산/김해</arrivedKor>  <boardingEng>HONGKONG</boardingEng>  <boardingKor>홍콩</boardingKor>  <city>HKG</city>  <etd>0629</etd>  <gate>1</gate>  <io>I</io>  <line>국제</line>  <rmkEng>ARRIVED </rmkEng>  <rmkKor>도착</rmkKor>  <std>0630</std>  </item>  </items>  <numOfRows>10</numOfRows>  <pageNo>1</pageNo>  <totalCount>105</totalCount>  </body>  </response> |