APPENDIX D -- EXPLANATION OF MAX EDIT CHECKS

Development of the MAX edit checks is an ongoing process. The help messages included in the on-line MAX screens will reflect the latest edit checks and descriptions of these checks. In addition to the MAX edit checks, OMB has developed diagnostic reports to help you eliminate errors. Some of these diagnostic reports are described in Appendix E.

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
A	3490	Past year amounts cannot be coded as emergency funding.	81.4
A	3500	Subfunction does not match BAT file subfunction for this account.	81.4
A	3510	If BA is reported (lines 4300 - 6990), then outlays (lines 91xx - 98xx) must also be reported (even if amounts are zero).	81.4
A	3520	Outlays from new authority (except from offsetting collections) reported on line 9111 cannot exceed the total amount of BA reported on lines 4300-6790.	81.4
A	3550	Outlays from spending authority from offsetting collections (lines 9311, 9321) should be reported if offsetting collections (lines 6890, 6990) are reported and vice versa.	81.4
A	3580	If offsetting collections (line 8800-8845) are reported in the inyears in schedule A, then they must be reported in the outyears.	81.4
A	3590	If spending authority from offsetting collections (lines 6890, 6990) is reported in the inyears in schedule A, then it must be reported in the outyears.	81.4
A	3610	According to the BAT file, limitation data are required for this account. For changes to limitation requirements, consult OMB.	81.4
A	3630	Outlays from discretionary spending authority from offsetting collections (line 6890) must be reported on discretionary lines 9311-9321.	81.4
A	3635	Outlays from mandatory spending authority from offsetting collections (line 6990) must be reported on mandatory lines 9311-9321.	81.4
A	3640, 3645	Outlays from new spending authority from offsetting collections (line 9311) cannot exceed total new spending authority from offsetting collections (lines 6890, 6990).	81.4
A	3650	For supplementals, budget authority data (lines 4300 - 6990) are not generally reported beyond the current year.	81.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
A	3660	For rescission proposals, current year BA must be negative or zero.	81.4
A	3670	For rescission proposals, budget year BA must be negative or zero.	81.4
A	3680	For rescission proposals, there can be no budget year estimates for outlays from new authority (line 9111).	81.4
A	3690	For rescission proposals, outlays must be negative or zero in the current and budget years.	81.4
A	3940	User fee data and coding are required for offsetting collections (lines 8840and 8845) in this account.	81.4
A, P	3945	User fee amounts reported on lines 8840 and 8845 in schedule A cannot exceed the amounts shown on lines 8840 and 8845 in schedule P.	81.4, 82.7
A, P	3720	Schedule P is required when data are reported for PY-BY in schedule A.	81.4, 82
A, P	3840	Change in uncollected customer payments from Federal sources (unexpired) (line 8895) and collections credited to expired accounts (line 8896) reported in schedule A must equal the corresponding entries in schedule P.	81.4, 82.6
A, P	3850	Offsetting collections (lines 8800-8845) reported in schedule A must equal the corresponding entries in schedule P.	81.4, 82.6
A, S	3700	For liquidating accounts, all budget authority, limitations and outlays must be coded mandatory, authorizing committee.	81.4
A, S	3710	Budget authority, outlays and limitation data (schedules A & S) are not required for direct and guaranteed loan financing accounts.	81.4
A, S	3860	Budget authority is required in schedule S (lines 4300 - 6990) if current year budget authority is reported in schedule A.	81.4
A, S	3870, 3910	Outlays are required in schedule S (lines 9111-98xx) if current year outlays are reported in schedule A.	81.4
A, S	3880	If a line entry in schedule A is coded mandatory, then the same entry must be reported in schedule S, with the same category code and amount.	81.4
A, S	3890	The budget year Presidential policy discretionary spendout rate for new BA (i.e., the percent of outlays from new budgetary resources) should be the same as the baseline spendout rate for that year (within 1%).	81.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
A, S	3900	The budget year Presidential policy discretionary spendout rate for new offsetting collections (i.e., the percent of outlays from new offsetting collections) should be the same as the baseline spendout rate for that year (within 1%).	81.4
A, S	3930	Current year outlays reported in schedule A (lines 91xx - 98xx) must equal the corresponding entries in schedule S.	81.4
C	4410	Schedule C is not required for direct and guaranteed loan financing accounts.	84
C	4420	Budget authority and outlays reported for R&D performed by colleges and universities on lines 1451-xx through 1455-xx must equal the budget authority and outlays reported for the conduct of basic and applied research on lines 1411-xx through 1422-xx.	84.4
C	4430	Subfunction does not match BAT file subfunction for this account.	84
C, A	4440	The sum of outlays in schedule C must equal the outlays reported in schedule A. (Rounding tolerance of $2M)	81.4, 84
C, A	4450	The sum of budget authority in schedule C must equal the budget authority reported in schedule A. (Rounding tolerance of $2M)	81.4, 84
C, A	4460	Budget authority (lines 4300 - 6990) is required in schedule A if budget authority (lines xxxx-01) is reported in schedule C.	81.4, 84
C, A	4470	Outlays (lines 9111-98xx) are required in schedule A if outlays (lines xxxx-02) are reported in schedule C.	81.4, 84
D	2230	Schedule D is not valid for this account.	86.3
D	2240	In budget plan schedules, a subtotal (line 0791) is required if multiple detail lines (0701-0789) are used and a reimbursable line exists (line 0801) and must equal the sum of detail lines (0701-0789). (Rounding tolerance of $2M)	86.3
D	2250	A total line (line 0893) is required if multiple lines (0601-0801) are present and must equal the sum of detail lines (lines 0601-0801) reported in schedule D. (Rounding tolerance of $2M)	86.3
D	2260	In budget plan schedules, a subtotal (line 0691) is required if multiple detail lines (0601-0689) are used and a reimbursable line exists (line 0801) and must equal the sum of detail lines (0601-0689). (Rounding tolerance of $2M)	86.3

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
E	3090	Revenue (line 01x1), expense (line 01x2), and net income or loss (line 01x5) must be reported for each program.	86.2
E	3100	Revenue for the account as a whole (line 0191) must equal the sum of the revenue reported for each program (lines 0101 - 0181). (Rounding tolerance of $2M)	86.2
E	3110	Expense for the account as a whole (line 0192) must equal the sum of the expense reported for each program (lines 0102 - 0182). (Rounding tolerance of $2M)	86.2
E	3120	When information is provided for two or more programs, net income or loss (line 0195) will be reported for the account as a whole.	86.2
E	3140	Net income or loss for the account as a whole (line 0195) must equal the sum of the revenue (lines 0101 - 0181) and expense (lines 0102 - 0182) (minus entries) reported for each program. (Rounding tolerance of $2M)	86.2
E	3145	Other comprehensive income for the account as a whole (line 0198) must equal the sum of the other comprehensive income (lines 0108 - 0188) reported for each program. (Rounding tolerance of $2M)	86.2
E	3148	Total comprehensive income for the account as a whole (line 0199) must equal the sum of the revenue (lines 01x1), expense (lines 01x2), and the other comprehensive income (lines 01x8) reported for each program. (Rounding tolerance of $2M)	86.2
E	3150	Net income or loss (e.g., line 0105) for each program must equal the sum of the revenue (e.g., line 0101) and expense (e.g., line 0102) (a minus entry) reported for that program.	86.2
E	3155	Total comprehensive income (e.g., line 0109) for each program must equal the sum of the revenue (e.g., line 0101), expense (e.g., line 0102), and the other comprehensive income (e.g., line 0108) reported for that program.	86.2
E	3160	Statement of operations (schedule E) should not be reported for financing accounts.	86.2
F	3180	The net present value of assets related to direct loans (line 1499) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3190	The net present value of assets related to defaulted guaranteed loans (line 1599) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
F	3200	Direct loans and interest receivable, net (line 1604) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3210	The value of assets related to direct loans (line 1699) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3220	Defaulted guaranteed loans and interest receivable, net (line 1704) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3230	The value of assets related to loan guarantees (line 1799) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3240	Total assets (line 1999) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3250	Total liabilities (line 2999) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3260	Total net position (line 3999) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F	3270	Total net position (line 3999) must equal total assets (line 1999) minus total liabilities (line 2999). (Rounding tolerance of $2M)	86.2
F	3280	Total liabilities and net position (line 4999) must equal the sum of the corresponding detail. (Rounding tolerance of $2M)	86.2
F, G	3290	Direct loans, gross reported on line 1601 of schedule F must equal the outstanding balances of direct loans reported on line 1290 in schedule G. (Rounding tolerance of $2M)	85.10, 86.2
F, H	3300	Defaulted guaranteed loans receivables, gross reported on line 1501 of schedule F must equal defaulted guaranteed loans receivable reported on line 2390 in schedule H. (Rounding tolerance of $2M)	85.10, 86.2
G	2570	For direct loans, if total direct loan obligations (line 1150) are reported, then a line for appropriations act limitation on direct loans (line 1111) is required, even if no amounts are shown.	85.10
G	2580	The end of year balance of direct loans outstanding (line 1290) must equal the sum of the direct loan outstanding entries (lines 1210 - 1264). (Rounding tolerance of $2M)	85.10

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
G	2590	For direct loans, unobligated direct loan limitation line (1142) should only be reported in the past and current years.	85.10
G	2600	For direct loans, the start of year outstanding balance, (line 1210) must equal the preceding year's end of year balance (line 1290).	85.10
G	2620	Total direct loan obligations (line 1150) must equal the sum of the appropriations act limitation on direct loan obligations plus adjustments (lines 1111 - 1143). (Rounding tolerance of $2M)	85.10
G	2650	Data on direct loan limitations (lines 1111 - 1150) are not required for liquidating accounts.	85.10
G	2660	Data on direct loan limitations and obligations (lines 1111 - 1150) are required for direct loan financing accounts.	85.10
G	2700	Direct loan repayments (line 1251 - 1253) in regular budget schedules (transmittal code 0) must be negative.	85.10
G, F	2770	The outstanding balances of direct loans (line 1290) in schedule G cannot be less than the balance of loans disbursed (line 1401) in schedule F.	85.10, 86.2
G, H	2550	Credit financing accounts must have either schedule G or H but not both.	85.8
G, H	2565	Credit liquidating accounts must have schedule G and/or H.	85.8
G, H	2610	If there are proceeds from loan asset sales to the public with recourse (line 1253 in schedule G), then the absolute value of that amount must be greater than or equal to the guarantees of loans sold to the public with recourse (line 2232 in schedule H).	85.10
G, H, Y	2558	Credit program accounts cannot have schedules G, H, or Y.	85.8
G, P	2630	Direct loan repayments or prepayments (line 1251) plus proceeds from loan asset sales (line 1252) in schedule G must be equal to or less than offsetting collections from non-Federal sources (line 8840) in schedule P.	85.10
G, P	2640	Direct loan disbursements (line 1231) plus purchase of loan assets (line 1232) must be equal to or less than gross outlays (line 8700) in schedule P.	85.10
G, P	2750	Data on net financing disbursements are required (line 6300) and must be equal to financing disbursements (line 9000) in schedule P for financing accounts.	85.10

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
G, Y	2780	Federal credit data, baseline estimates (schedule Y) are required if schedule G is present.	85.10
H	2790	For guaranteed loans, the start of year outstanding balance, (line 2210) must equal the preceding year's end of year balance (line 2290).	85.10
H	2800	For guaranteed loans, if total guaranteed loan commitments (line 2150) are reported, then a line for appropriations act limitation on guaranteed loans made by private lenders (line 2111) is required, even if the amounts are zero.	85.10
H	2810	The end of year outstanding balance of defaulted guaranteed loans that result in loans receivable (line 2390) must equal the sum of the detail entries (lines 2310 - 2364). (Rounding tolerance of $2M)	85.10
H	2820	The end of year balance of guaranteed loans outstanding (line 2290) must equal the sum of the guaranteed loan outstanding entries (lines 2210 - 2264). (Rounding tolerance of $2M)	85.10
H	2830	For defaulted guaranteed loans that result in loans receivable, the outstanding balance start of year (line 2310) must equal the outstanding balance from the end of the preceding year (line 2390).	85.10
H	2840	If an outstanding balance of guaranteed loans, end of year is reported (line 2290), then an entry for the guaranteed amount of guaranteed loans outstanding, end of year (line 2299) is required.	85.10
H	2850	For guaranteed loans, the guaranteed amount of the outstanding loans (line 2299) cannot exceed the amount of the outstanding guaranteed loans, end of year (line 2290).	85.10
H	2860	Disbursements for guaranteed loan claims (line 2331) must be equal to or greater than the absolute value of the amount reported as terminations for default that result in loans receivable (line 2261).	85.10
H	2870	Total guaranteed loan commitments (line 2150) must equal the sum of appropriations act limitations on guaranteed loans plus adjustments (lines 2111 - 2143). (Rounding tolerance of $2M)	85.10
H	2880	For guaranteed loans, the guaranteed amount of the guaranteed loan commitments (line 2199) cannot exceed the amount of the total guaranteed loan commitment (line 2150).	85.10

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
H	2900	For guaranteed loans, the uncommitted guaranteed loan limitation data (line 2142) should only be reported in the past and current years.	85.10
H	2910	Data on guaranteed loan limitations (lines 2111 - 2150) are not required for liquidating accounts.	85.10
H	2920	Guaranteed loan repayments (line 2251 - 2263) in regular budget schedules (transmittal code 0) must be negative.	85.10
H	2940	For liquidating accounts, if terminations for default that result in loans receivable (line 2261) are reported, disbursement for guaranteed loan claims must be reported (line 2331).	85.10
H	2980	Data on guaranteed loan limitations and commitments (lines 2111 - 2150) are required for guaranteed loan financing accounts.	85.10
H	3010	Data on net financing disbursements are required (line 6300) and must be equal to financing disbursements (line 9000) in schedule P for financing accounts.	85.10
H	3020	The outstanding balances of defaulted guaranteed loans (line 2390) in schedule H cannot be less than the balance of defaulted guaranteed loans (line 1501) in schedule F.	85.10, 86.2
H, O	2930	For liquidating accounts, terminations for default that result in loans receivable (line 2261) must be equal to or less than the sum of object class entries for loans and investments (lines x330) in schedule O.	83, 85.10
H, O	2950	For liquidating accounts, terminations for default that result in acquisition of property (line 2262) must be equal to or less than the sum of object class entries for land and structures (lines x320) in schedule O.	83, 85.10
H, O	2960	For liquidating accounts, terminations for default that result in claim payments (line 2263) must be equal to or less than the sum of object class entries for insurance claims and indemnities (lines x420) in schedule O.	83, 85.10
H, P	2890	Disbursements for defaulted guaranteed loan claims (line 2331) must be equal to or less than gross outlays (line 8700) in schedule P.	82, 85.10
H, Y	3030	Federal credit data, baseline estimates (schedule Y) is required if schedule H is present.	85, 85.10
J	4660	Unexpended balances, end of year (lines 8700-8705) must equal the start of year balances plus cash income, less cash outgo, plus or minus any adjustments. (Rounding tolerance of $2M)	86.6

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
J	4670	The 12-digit OMB account ID code of the applicable receipt account must be entered for receipts (lines 1200-1279 and 2200-2279) reported as income in schedule J.	86.6
J	4680	The 12-digit OMB account ID code of the applicable expenditure account must be entered for cash outgo (lines 4500-5589) in schedule J.	86.6
J	4690	The 12-digit OMB account ID code of the applicable expenditure account must be entered for offsetting collections (lines 1280-1289 and 2280-2289) reported as income in schedule J.	86.6
K	4770	Subfunction must match BAT file subfunction for this account.	81.4
K	4780	Character class must match BAT file character class for this account.	81.4
K	4790	Baseline data are not required for legislative proposals, later transmittals, or rescission proposals (transmittal codes 2, 3, 4, or 5) or for discretionary supplementals.	81.4
K	4800	User fee coding is required for this account.	81.4
O	3305	Detail lines that contain zeroes in all years are not required.	83
O	3310	Total obligations (line 9999) is required when more than one object class is reported and must equal the sum of the corresponding detail reported on lines 1111-3930 plus the residual line (9995). (Rounding tolerance of $1M)	83.7
O	3330	The total limitation expenses on lines (x930) of schedule O for the account as a whole and limitation account must sum to zero. This avoids a double count because these obligations are also reported by individual object class. (+/- 4M)	83.17
O	3350	Amounts reported in object class 9995 must be positive; use of this object class to report amounts of more than $4 million requires OMB approval.	83.7
O	3360	Total personnel compensation (x119) is required when multiple personnel compensation detail lines are used and must equal the sum of the detail lines (x111 - x118) for all categories. (Rounding tolerance of $2M)	83.7
O	3370-3375	The obligations subtotal line (x990) must equal the sum of personnel compensation lines (x111 - x118) plus other detail lines (x121 - x930) for each object class category (e.g., direct, reimbursable). (Rounding tolerance of $2M)	83.7

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
O	3380	For non-revolving fund accounts, a subtotal for reimbursable obligations (2990) is required whenever reimbursable detail is reported.	83.18
O	3390-3440	A subtotal (line x990) is required for a category when (1) obligations are reported for more than one of the following categories: direct, reimbursable, or allocation; and (2) two or more detail lines are reported within that category.	83.18
O, P	3480	Total obligations in schedule O must equal total obligations in schedule P (line 1000).	82, 83.5
O, P	3485	If reimbursable obligations are reported in schedule O (lines 2xxx), then reimbursable obligations must be reported in schedule P on lines (09xx) and vice versa and the amounts must be equal unless only line 1000 is used in schedule P. (Rounding tolerance of $4M)	82, 83.5
P	0010	Detail lines that contain zeroes in all years are not required except for lines 8900 and 9000, which are required for all accounts.	82.7
P	0020	GRH reductions to unobligated balances (lines 2380 and 2385) can only occur in accounts in the national defense function.	82.4
P	0030	Only one net outlays entry (line 9000) can be reported.	82.7
P	0040	Net outlays entry (line 9000) is required for all accounts.	82.7
P	0050	Net budget authority entry (line 8900) is required for all accounts.	82.7
P	0090	New budget authority (gross) (line 2200) is required only when there is new gross budget authority. If required, line 2200 must equal the sum of the detail budget authority entries (lines 4000-4200, 4700-4785, 4900-4985, etc.). (Rounding tolerance of $1M)	82.4
P	0100	Total new budget authority gross (line 7000) is required only when there is more than one type of budget authority. If required, line 7000 must equal the detail entries for BA (lines 40xx-69xx) and the corresponding entry on line 2200. (Rounding tolerance of $1M)	82.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	0110	Past year amounts must equal zero for every transmittal code except zero (i.e., do not report past year amounts for proposed supplementals, rescissions, and legislative proposals).	82.8
P	0120	Net outlays (line 9000) must equal the sum of total outlays, gross (lines 8690-8698 or 8700) minus offsetting collections (lines 8800-8845). (Rounding tolerance of $2M)	82.6, 82.7
P	0130	Net BA (line 8900) must equal the total new BA (gross) (line 2200) minus offsetting collections (lines 8800-8845); the change in uncollected customer payments from Federal sources (unexpired) (line 8895); and offsetting collections credited to expired accounts (line 8896). (Rounding tolerance of $2M)	82.7
P	0150	A gross outlay entry (line 8700) is required only when multiple detail lines are reported (lines 8690-8698). If required, line 8700 must equal the sum of the detail outlay entries. (Rounding tolerance of $2M)	82.6
P	0160	A new obligations entry (line 7310) is required only when total obligations are reported on line 1000. If required, the amounts on lines 1000 and 7310 must be equal.	82.3, 82.5
P	0180	Total obligations (line 1000) must be positive.	82.3
P	0190	Total outlays, gross (line 7320) must equal the sum of the detail outlay entries (lines 8690-8698 or 8700), but with the opposite sign.	82.5, 82.6
P	0200	Recoveries of prior year obligations reported on line 7345 must equal recoveries of prior year obligations reported on line 2210, but with the opposite sign.	82.4, 82.5
P	0210	A total new obligations entry (e.g., line 2395) is required only when total obligations are reported on line 1000. If required, the amount on line 2395 must equal the amount on line 1000, but with the opposite sign.	82.3, 82.4
P	0220	A total budgetary resources available for obligation entry (line 2390) is required only when multiple detail lines are reported (lines 2140 - 2385). If required, line 2390 must equal the sum of the detail entries. (Rounding tolerance of $2M)	82.4
P	0240	The unobligated balance, end of year (lines 2440-2449) must equal the start of year balance (lines 2140-2149) plus new BA, adjustments, new obligations (a minus entry), and expiring balances (a minus entry). (Rounding tolerance of $2M)	82.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	0245	For liquidating accounts, there should be no end of year unobligated balances; all balances should be repaid to Treasury (lines 6827, 6847, 6927, or 6947), as appropriate.	82.4
P	0260	The obligated balance, end of year (line 7440) must equal the start of year balance (line 7240) plus new obligations (line 7310), adjustments (lines 7331-7345), the change in uncollected customer payments from Federal sources (lines 7400 and 7410), and gross outlays (normally a minus entry) (line 7320). (Rounding tolerance of $2M)	82.5
P	0270-0340	If transfers are reported for an account (lines 2221, 2222, 4100, 4200, 6100, 6200, 6661, 6662, 6861, 6862, 6961, 6962, 7331, or 7332), then the associated gaining or losing account(s) must be identified using the appropriate 6-digit Treasury account symbol.	82.4, 82.5
P	0350	Unobligated balance entries start of year (line 21xx) must equal the corresponding unobligated balance entries end of year (line 24xx) for the preceding year.	82.4
P	0380	A total unobligated balance, start of year entry (line 2199) is required only when multiple detail lines (lines 2140-2149) are reported. If required, line 2199 must equal the sum of the detail entries. (Rounding tolerance of $2M)	82.4
P	0410	A total unobligated balance, end of year entry (line 2499) is required only when multiple detail lines (lines 2440-2449) are reported. If required, line 2499 must equal the sum of the detail entries. (Rounding tolerance of $2M).	82.4
P	0440	If spending authority from offsetting collections (cash) is reported on line 6800 or 6900, then there must be an entry for offsetting collections (cash) (lines 8800-8845).	82.4, 82.7
P	0443	Spending authority from offsetting collections reported on lines 6800 and 6900 must equal the sum of the amounts reported on lines 8800-8845 plus 8896(normally a minus entry).	82.4, 82.7
P	0445	If the sum of lines 8800-8845 plus 8896 is greater than zero, then there must be an entry for spending authority from offsetting collections on lines 6800 or 6900 and the total amounts must be equal.	82.4, 82.7
P	0450	Obligated balance, start of year (lines 7240) must equal the corresponding obligated balance entry, end of year (line 7440) for the preceding year.	82.5

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	0530	Change in uncollected customer payments from Federal sources (unexpired) (lines 6810, 6910) is required if change in uncollected customer payments from Federal sources is reported on line 7400 and vice versa.	82.4, 82.5
P	0577	The amount reported as a change in uncollected customer payments from Federal sources on line 7400 must equal the sum of the corresponding amounts reported on lines 6810 and 6910, but with the opposite sign.	82.4
P	0610	The change in uncollected customer payments from Federal sources reported on line 8895 must equal the sum of the corresponding amounts reported on lines 6810 and 6910.	82.4, 82.7
P	0630	If a G-R-H reduction is reported (lines 9180, 9185), then outlays prior to the reduction (line 9110) must be reported.	82.8
P	0640	Outlays prior to G-R-H reductions (line 9110) must equal the sum of net outlays (line 9000) plus G-R-H reductions (absolute value of amounts on lines 9180, 9185).	82.8
P	0650	Line 0091 (single activity or subactivity group subtotal) must equal the sum of the activity or subactivity lines 0001 - 0089. (Rounding tolerance of $2M)	82.3
P	0660	Line 0100 (running subtotal) must equal the sum of lines 0001 - 0089. (Rounding tolerance of $2M)	82.3
P	0670	Line 0191 (single activity or subactivity subtotal) must equal the sum of lines 0101 - 0189. (Rounding tolerance of $2M)	82.3
P	0680	Line 0192 (subtotal of two activity or subactivity groups) must equal the sum of the activity or subactivity lines: 0001 - 0089 plus 0101 - 0189. (Rounding tolerance of $2M)	82.3
P	0690	Line 0200 (running subtotal) must equal the sum of the activity or subactivity lines: 0001 - 0089 plus 0101 - 0189. (Rounding tolerance of $2M)	82.3
P	0700	Line 0291 (subtotal) must equal the sum of lines 0201 - 0289. (Rounding tolerance of $2M)	82.3
P	0710	Line 0292 (subtotal of two activity or subactivity groups) must equal the sum of the activity or subactivity lines: 0101 - 0189 plus 0201 - 0289. (Rounding tolerance of $2M)	82.3
P	0720	Line 0293 (subtotal of three activity or subactivity groups) must equal the sum of lines: 0001 - 0089 plus 0101 - 0189 plus 0201 - 0289. (Rounding tolerance of $2M)	82.3

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	0730	Line 0300 (running subtotal) must equal the sum of the lines: 0001 - 0089 plus 0101 - 0189 plus 0201 - 0289. (Rounding tolerance of $2M)	82.3
P	0740	Line 0391 must equal the sum of lines 0301-0389. (Rounding tolerance of $2M)	82.3
P	0750	Line 0392 must equal the sum of lines 0201-0389. (Rounding tolerance of $2M)	82.3
P	0760	Line 0393 must equal the sum of lines 0101-0389. (Rounding tolerance of $2M)	82.3
P	0770	Line 0394 must equal the sum of lines 0001-0389. (Rounding tolerance of $2M)	82.3
P	0780	Line 0400 (running subtotal) must equal the sum of detail lines 0001-0389. (Rounding tolerance of $2M)	82.3
P	0790	Line 0491 must equal the sum of lines 0401-0489. (Rounding tolerance of $2M)	82.3
P	0800	Line 0492 must equal the sum of lines 0301-0489. (Rounding tolerance of $2M)	82.3
P	0810	Line 0493 must equal the sum of lines 0201-0489. (Rounding tolerance of $2M)	82.3
P	0820	Line 0494 must equal the sum of lines 0101-0489. (Rounding tolerance of $2M)	82.3
P	0830	Line 0500 (running subtotal) must equal the sum of detail lines 0001-0489. (Rounding tolerance of $2M)	82.3
P	0840	Line 0591 must equal the sum of lines 0501-0589. (Rounding tolerance of $2M)	82.3
P	0850	Line 0592 must equal the sum of lines 0401-0589. (Rounding tolerance of $2M)	82.3
P	0860	Line 0593 must equal the sum of lines 0301-0589. (Rounding tolerance of $2M)	82.3
P	0870	Line 0594 must equal the sum of lines 0201-0589. (Rounding tolerance of $2M)	82.3
P	0880	Line 0600 (running total) must equal the sum of detail lines 0001-0589. (Rounding tolerance of $2M)	82.3
P	0890	Line 0691 must equal the sum of lines 0601-0689. (Rounding tolerance of $2M)	82.3

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	0900	Line 0692 must equal the sum of lines 0501-0689. (Rounding tolerance of $2M)	82.3
P	0910	Line 0693 must equal the sum of lines 0401-0689. (Rounding tolerance of $2M)	82.3
P	0920	Line 0694 must equal the sum of lines 0301-0689. (Rounding tolerance of $2M)	82.3
P	0930	Line 0700 (running subtotal) must equal the sum of detail lines 0001-0689. (Rounding tolerance of $2M)	82.3
P	0940	Line 0791 must equal the sum of lines 0701-0789. (Rounding tolerance of $2M)	82.3
P	0950	Line 0792 must equal the sum of lines 0601-0789. (Rounding tolerance of $2M)	82.3
P	0960	Line 0793 must equal the sum of lines 0501-0789. (Rounding tolerance of $2M)	82.3
P	0970	Line 0794 must equal the sum of lines 0401-0789. (Rounding tolerance of $2M)	82.3
P	0980	Line 0800 (running total) must equal the sum of detail lines 0001-0789. (Rounding tolerance of $2M)	82.3
P	0990	Line 0891 must equal the sum of lines 0801-0889. (Rounding tolerance of $2M)	82.3
P	1000	Line 0892 must equal the sum of lines 0701-0889. (Rounding tolerance of $2M)	82.3
P	1010	Line 0893 must equal the sum of lines 0601-0889. (Rounding tolerance of $2M)	82.3
P	1020	Line 0894 must equal the sum of lines 0501-0889. (Rounding tolerance of $2M)	82.3
P	1030	Line 0999 must equal the sum of detail lines 0901-0988. (Rounding tolerance of $2M)	82.3
P	1040	Line 0909 must equal the sum of detail lines 0900-0908. (Rounding tolerance of $2M)	82.3
P	1045	Line 0919 must equal the sum of detail lines 0910-0918. (Rounding tolerance of $2M)	82.3
P	1050	Line 0929 must equal the sum of detail lines 0920-0928. (Rounding tolerance of $2M)	82.3
P	1055	Line 0939 must equal the sum of detail lines 0930-0938. (Rounding tolerance of $2M)	82.3

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	1060	Line 0949 must equal the sum of detail lines 0940-0948. (Rounding tolerance of $2M)	82.3
P	1065	Line 0959 must equal the sum of detail lines 0950-0958. (Rounding tolerance of $2M)	82.3
P	1070	Line 0969 must equal the sum of detail lines 0960-0968. (Rounding tolerance of $2M)	82.3
P	1072	Line 0979 must equal the sum of detail lines 0970-0978. (Rounding tolerance of $2M)	82.3
P	1076	Line 0989 must equal the sum of detail lines 0980-0988. (Rounding tolerance of $2M)	82.3
P	1080	The total obligations line (1000) must equal the sum of all the detail activity lines (0001 - 0988). (Rounding tolerance of $2M)	82.3
P	1090	Trust fund budget authority (e.g., line 4026) should not be reported in the same account with general or special fund budget authority (e.g., lines 4000 or 4020).	82
P	1100, 1130	Transfers of balances from other accounts (lines 2222 and 7332) must be positive.	82.4, 82.5
P	1110, 1120	Transfers of balances to other accounts (lines 2221 and 7331) must be negative.	82.4, 82.5
P	1140, 1150	Transfers of BA to other accounts (lines 4100, 6100, 6661) must be negative.	82.4
P	1160	Transfers of BA from other accounts (lines 4200, 6200, 6662) must be positive.	82.4
P	1174	Transfers of offsetting collections to other accounts (lines 6861 and 6961) must be negative.	82.4
P	1175	Transfers of offsetting collections from other accounts (lines 6862 and 6962) must be positive.	82.4
P	1180-1270	A total BA entry (e.g., line 4300) is required only when multiple detail entries (e.g., lines 4000 - 4200) are reported. If required, lines 4300 must equal the sum of the detail entries. (Rounding tolerance of $2M)	82.4
P	1280	A total entry (e.g., line 8890) is required only when multiple detail entries (e.g., lines 8800 - 8845) are reported. If required, line 8890 must equal the sum of the detail entries. (Rounding tolerance of $2M)	82.6

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	1500	Special fund budget authority (lines 4020 and 6020) should not be reported in trust fund accounts.	82.3
P	1505	Trust fund BA (lines 4026 and 6026) should only be reported in trust fund accounts.	82.3
P	1510-1795	A BA line (e.g., 4000) and a total line (e.g., 4300) are both required when certain types of adjustments are reported (e.g., line 4035).	82.4
P	2060	Outlays (gross) detail (lines 8690 - 8698) is not required for direct and guaranteed loan financing accounts; gross outlays should be reported on line 8700.	82.6
P	2135	Unobligated balance expiring or withdrawn (line 2398) must be negative.	82.4
P, A	1950-2045	The total BA reported in schedules P and A (e.g., line 4300) must be equal for each type of BA. BA entries are required in schedule A for each type of authority reported in schedule P.	81.4, 82.4
P, A	2050	Offsetting collections entries in schedule A (e.g., lines 8840) must equal the corresponding entry in schedule P. (Rounding tolerance of $2M)	81.4, 82.7
P, A	2070	Outlays from new dicretionary authority line (line 8690) in schedule P must equal outlays from new discretionary authority in schedule A (line 9111, 9311, 970x).	81.4, 82.6
P, A	2080	Outlays from discretionary balances (line 8693) in schedule P must equal discretionary outlays from balances in schedule A (lines 9121, 9321, and 980x).	81.4, 82.6
P, A	2090	Outlays from new mandatory authority line (line 8697) in schedule P must equal outlays from new mandatory authority in schedule A (line 9111, 9311).	81.4, 82.6
P, A	2140	Outlay data (lines 9111 - 9809) are required in schedule A if gross outlay data (line 7320) are present in schedule P.	81.4, 82.5
P, A	2170	Outlays from new discretionary spending authority from offsetting collections (line 9311 of schedule A) should not exceed discretionary spending authority from offsetting collections (line 6890 in schedule P).	81.4, 82.4
P, A	2175	Outlays from new mandatory spending authority from offsetting collections (line 9311 of schedule A) should not exceed mandatory spending authority from offsetting collections (line 6990 in schedule P).	81.4, 82.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P, A	2180	Discretionary change in uncollected customer payments from Federal sources entry (line 8895) is required in schedule A if discretionary change in uncollected customer payments from Federal sources is reported in schedule P (line 6810) and the amounts should be equal.	81.4, 82.7
P, A	2185	Mandatory change in uncollected customer payments from Federal sources entry (line 8895) is required in schedule A if mandatory change in uncollected customer payments from Federal sources is reported in schedule P (line 6910) and the amounts should be equal.	81.4, 82.7
P, A	2190	Offsetting collections credited to expired accounts entry (line 8896) is required in A if it is reported in P (line 8896), and the amounts should be equal.	81.4, 82.7
P, A, C, E, F, O, S	2562	Credit liquidating accounts must have schedules A, C, E, F, O, P, and S.	85.8
P, A, O, U	2555	Credit program accounts must have schedules A, O, P, and U.	85.8
P, F	2553	Credit financing accounts must have a schedule P and schedule F.	85.10, 86.2
P, G	2195	Net financing disbursements (line 9000) reported in schedule P must equal the net financing disbursements (line 6300) reported in schedule G.	82.7, 85.10
P, H	2196	Net financing disbursements (line 9000) reported in schedule P must equal the net financing disbursements (line 6300) reported in schedule H.	82.7, 85.10
P, U	2200	In credit program accounts, net outlays (line 9000) in schedule P must be greater than or equal to the sum of schedule U administrative expenses outlays (line 3590), direct loan subsidy outlays (line 1349), and guaranteed loan subsidy outlays (line 2349).	85.9
Q, O	3454	Average salaries (which are calculated by dividing the personnel compensation reported in schedule O by the FTE reported in schedule Q) should not be less than $15,000.	86.1
Q, O	3456	Average salaries (which are calculated by dividing the personnel compensation reported in schedule O by the FTE reported in schedule Q) should not exceed $110,000.	86.1
Q, O	4510-4520	If full-time equivalent employment for military personnel is reported in the personnel summary, then obligations (other than allocations) for military personnel compensation (line	36.1, 83.7

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
		x117) must be reported in schedule O.	
Q, O	4530-4565	If obligations (other than allocations) for FTE employment (lines x111 or x113) are reported in schedule O, then full-time equivalent employment must be reported in schedule Q and vice versa.	36.1, 83.7
R	4730	Subfunction must match BAT file subfunction for this account.	81.4
R	4740	Character class must match BAT file character class for this account.	81.4
R	4765	User fee coding is required for this account.	81.4
R, K	4750	Current year receipts in baseline (schedule K) must equal the corresponding entries in policy (schedule R).	81.4
R, K	4760	If a line entry in policy (schedule R) is coded mandatory, then the same entry must be reported in baseline (schedule K), with the same category code and amount.	81.4
S	3970	Baseline budget authority, outlays and limitations are not required for direct and guaranteed loan financing accounts.	81.4
S	3980	Sequestrable unobligated balances (line 2199) are reported in schedule S only for accounts in the national defense function.	81.4
S	3984	For accounts in the national defense function (subfunction 05x), outlays from sequesterable unobligated balances (line 9994) must be reported if sequesterable unobligated defense balances (line 2199) are reported.	81.4
S	3985	Entries for sequestrable unobligated balances (line 2199) cannot be coded as exempt.	81.4
S	3990	Number of beneficiaries (line 9993) can only be used if approved by OMB.	81.4
S	4000-4080	If budget authority is reported for BY, then it should also be reported for the outyears.	81.4
S	4090	If spending authority from offsetting collections (lines 6890 and 6990) is reported for BY, then it should also be reported for the outyears.	81.4
S	4100	If offsetting collections (lines 8800-8845) are reported for the inyears, then they should also be reported for the outyears.	81.4
S	4120	Limitation data have been reported under an incorrect line code. For changes to limitation requirements, consult OMB.	81.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
S	4130	Data have been reported under an incorrect sequestrable/exempt code.	81.3
S	4160	Subfunction does not match BAT file subfunction for this account.	81.3
S	4170	Outlays from prior limitations (line 98xx) and from balances (line 9x21) cannot be coded as sequestrable	81.3
S	4240	Baseline data are not required for legislative proposals, later transmittals, or rescission proposals (transmittal codes 2, 3, 4, or 5) or for discretionary supplementals.	81.4
S	4395	User fee data and coding are required for offsetting collections (lines 8840 and 8845) in this account.	81.4
S	4397	Outlays from sequestrable unobligated balances (line 9994) cannot be coded as exempt.	81.4
S, A	4250	Current year baseline BA entries reported in schedule S (lines 4300-6990) must equal the corresponding entries in schedule A.	81.4
S, A	4350	Current year baseline offsetting collections (lines 8800-8845) reported in schedule S must equal the corresponding entries in schedule A.	81.4
S, A	4360	Current year change in uncollected customer payments from Federal sources (unexpired) (line 8895) reported in schedule S must equal the corresponding entry in schedule A.	81.4
S, A	4370	Current year offsetting collections (cash) credited to expired accounts (line 8896) reported in schedule S must equal the corresponding entry in schedule A.	81.4
S, A	4380	Current year baseline outlays reported in schedule S (lines 91xx - 98xx) must equal the corresponding entries in schedule A.	81.4
S, C	3975	Schedules S and schedule C are not required for government-sponsored enterprises.	81.4, 84.4
S, P	4385	Spending authority from offsetting collections (lines 6890 and 6990) should equal total offsetting collections credited to unexpired accounts (lines 8800-8845 plus 8896), unless adjustments have been reported in schedule P on detail lines 6810-6985.	81.4, 82.3
S	4390	If offsetting collections (lines 6890 or 6990) are sequestrable, then offsetting collections from non-Federal sources (lines 8840-8845) must be reported and cannot be less than the amount reported on lines 6890 and 6990.	81.4

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
T	4900	For consolidated and merged accounts, separate line entries are used to report the budget year request for each component account, and each line entry must include the 6 digit Treasury account symbol for the account involved.	82, 86.4
T, P, A	4905	Amounts in schedule T should be consistent with the BY appropriations language request and amounts reported in P and A. Transfers will be reported on a pre-transfer basis except for transfers from the violent crime reduction trust fund.	82, 86.4
U	2320	For direct loan levels supported by subsidy BA, the sum of multiple direct loan level entries (lines 1150) must equal the total direct loan levels (line 1159). (Rounding tolerance of $2M)	85.9
U	2330	For direct loan subsidies, the sum of multiple subsidy BA entries (lines 1330) must equal the total subsidy BA (line 1339). (Rounding tolerance of $2M)	85.9
U	2340	For direct loan subsidies, the sum of multiple subsidy outlay entries (lines 1340) must equal the total subsidy outlay (line 1349). (Rounding tolerance of $2M)	85.9
U	2350	For guaranteed loan levels supported by subsidy BA, the sum of multiple guaranteed loan level entries (lines 2150) must equal total loan guarantee levels (line 2159). (Rounding tolerance of $2M)	85.9
U	2360	For guaranteed loan subsidies, the sum of multiple subsidy BA entries (lines 2330) must equal the total subsidy BA (line 2339). (Rounding tolerance of $2M)	85.9
U	2370	For guaranteed loan subsidies, the sum of multiple subsidy outlay entries (lines 2340) must equal the total subsidy outlays (line 2349). (Rounding tolerance of $2M)	85.9
U	2380	A weighted average direct loan subsidy rate (line 1329) is required if multiple subsidy rates (lines 1320) are reported.	85.9
U	2390	A weighted average guaranteed loan subsidy rate (line 2329) is required if multiple subsidy rates (lines 2320) are reported.	85.9
U, A	2400	Total subsidy outlays for guaranteed loans (line 2349) cannot exceed policy outlays (lines 9111 - 9808) in schedule A.	81.4, 85.9
U, A	2410	The sum of total subsidy outlays for direct loans (line 1349) and guaranteed loans (line 2349) plus outlays for administrative expenses (line 3590) in schedule U cannot exceed policy outlays in schedule A (lines 9xxx).	81.4, 85.9
U, A	2420	Total direct loan levels supportable by subsidy BA (line 1159)	81.4, 85.9

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
		reported in schedule U must not exceed the corresponding limitations on direct loan activity reported in schedule A (line 7007).	
U, A	2430	Total guaranteed loan levels supportable by BA (line 2159) in schedule U must not exceed the corresponding limitations on loan guarantee commitments reported in schedule A (line 7008).	81.4, 85.9
Y	2559	Schedule Y is not required for liquidating accounts.	85.00
Y	2670-2690	Outstanding agency debt, end of year (line 3390) must equal the sum of outstanding agency debt, start of year plus adjustments (lines 3310 - 3350). (Rounding tolerance of $2M)	85.10
Y	2740	Start of year outstanding balances for agency debt held by the FFB (line 3310) must equal the outstanding balances for the end of the preceding year (line 3390).	85.10
Y	3040	Schedule Y is only required if schedule G or H is reported.	85.10
Y	3080	Data on net financing disbursements are required (line 6300) for direct and guaranteed loan financing accounts.	85.10
		Informational Edit Checks	
P	0247	For direct loan financing accounts, there should be no end of year unobligated balances; all balances should be repaid to Treasury (lines 6827 or 6847), as appropriate.	85.1
P	0360	When an account has unobligated balances (lines 21xx) these balances should be used for capital transfers to the general fund (line 2240) before new offsetting collections (line 6827 or 6927).	82.4
P	0370	When an account has unobligated balances, these balances should be used for redemption of debt (line 2260) before new offsetting collections (line 6847 or 6947).	82.4
P	01275	Separate repayment lines (lines 8840) should be provided for principal repayments and for interest payments.	82,7, 85.10
P	1400	Direct loan subsidy expense (line 0001) should be reported for direct loan program accounts.	82.3, 85.9
P	1402	Loan guarantee subsidy expense (line 0002) should be reported for guaranteed loan program accounts.	82.3, 85.9
P	1409	Reestimates of direct loan subsidy (line 0005) should be reported for direct loan program accounts.	82.3, 85.9

MAX data section	Error code range	Description of edit check	Circ. No. A-11 reference
P	1411	Interest on reestimates of direct loan subsidy (line 0006) should be reported for direct loan program accounts.	82.3, 85.9
P	1413	Reestimates of the loan guarantees (line 0007) should be reported for guaranteed loan program accounts.	82.3, 85.9
P	1415	Interest on reestimates of loan guarantee subsidy (line 0008) should be reported for guaranteed loan program accounts.	82.3, 85.9
P	1417	Administrative expenses (line 0009) should be reported for guaranteed loan program accounts.	82.3, 85.9
S	3982	For accounts in the national defense function (subfunction 05x), line 2199 is required if the account has sequesterable unobligated defense balances.	81.4, 82.4
S	4210	Outlays from end of PY balances (line 9122) is missing.	81.4
U	2210	For credit program accounts, administrative expense budget authority (line 3510) and administrative expense outlays (line 3580 and/or line 3590) should be reported.	85.9